TEXTILE BULLETIN

VOL. XXV

CHARLOTTE, N. C., THURSDAY, MAY 24, 1923

NUMBER 13

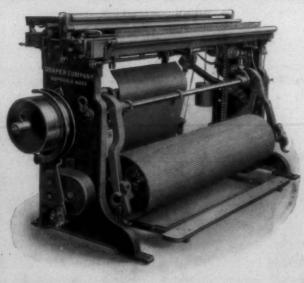


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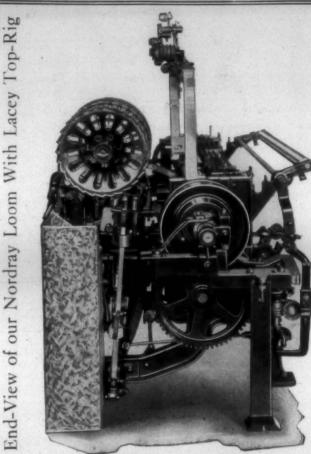
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SOUTHERN TILE BUILFT

VOL. XXIV.

CHARLOTTE, N. C., THURSDAY, MAY 24, 1923.

NUMBER 13

South Leads in Cotton Production

for many years the world's greatest cotton producer. India, China, Egypt and Brabil are the most important competitive producers of cotton. Australia and many other countries produce small amounts of cotton. Indian ranks next to the South as a cotton producer. The area in cotton in India about equals two-thirds of the area planted in the United States, but a low yield per acre gives a crop only one-third as large. A narrow strip of land along the Nile in Egypt produces long staple cotton of high grade. The acreage is about one-twentieth that of the South, but large yields per acre return a crop about one-tenth as large as he South.

Egyptian production has declined in recent years. Cotton grows as far south in South America as the northern part of Argentina. The chief cotton producing regions are in the drier eastern sections of Braand the coastal zone of Recently production has developed considerably in Sao Paulo, southeastern Brazil. China is also a producer of the poorer grades of cotton. The known commercial crop of China exceeds 1.000,000 bales annually. Since the domestic consumption is large, the total crop has been estimated as high as 4,-000,000 bales.

However, the South still holds its commanding position in the production of cotton. What this gigantic industry has meant to the South and to the nation is fully understood when we compare the value of cotton with the world's gold and silver output over a term of years, presented in the Blue Book of Southern Progress. During the last twenty-two years, from 1900 to 1921, inclusive, the aggregate value of the South's cotton crops, including seed, amounted to \$21,175,000,000, or \$2,-745,000,000 more than the aggregate value of all the gold produced in the world since the discovery of America in 1492. And during all this time it must be remembered that cotton, with one or two exceptions, has sold for less than half the price that should have been re-ceived annually by Southern growin proportion to the cost of production and the intrinsic worth of the staple.

The Southern States have been including seed, in the ten-year per many years the world's greatest riod from 1912 to 1921, inclusive, was \$12,975,980,000, which is more than three times the value of all the gold produced in the world durthat period and over two and a third times greater than the combined values of all the gold and silver produced in the world in the same time.

The aggregate value of South's exports of raw cotton from 1912 to 1922 inclusive, exceeded by \$2,369,000,000 the aggregate value all the gold mined in the world in that ten-year period, and \$954,000,-000 more than the combined total value of all the gold and silver produced in the world during the same period.

Up to about 1915 the world was consuming probably 21,000,000 bales of cotton and producing, with yearly variations, about the same quantity. four or five years production consumption dropped. sumption has been increasing and the world is now consuming approximately 20,500,000 bales, while world production has averaged for the last two years about 16,200,000 bales. The world is producing about seventeen times as much cotton as was produced a century ago and every pound of it is in demand. The South's cotton crop of 1922 was over 56 per cent of the world's production. Upon this section's ability to supply cotton rests the future of the textile industry and allied trades and the millions dependent on them. Give the South a living wage and profit on its cotton and these millions will never go hungry for lack of raw materials.

The cotton industry of the world represents an investment of over \$25,000,000,000. Over 6,000,000 persons are employed in the production, manufacture and distribution of the finished products. The land on which cotton grows is worth at least \$10,000,000,000 and the factories which town it into the dischard and which turn it into the finished product another \$10,000,000,000.

Over 1,850,000,000 pounds of cotton are now consumed annually in Southern mills, operating over 16,000,000 spindles and about 300,000 looms. During the cotton year ended July 31, 1922, the South consum-

ceeded in variety and value those of the New England States. With of the New England States. the growth of cotton planting in the South, as a result of the high prices prevailing in the early part of that century, the energy and capof that section were concentrated largely upon cotton, while New England concentrated its enerlargely upon cotton manufacturing and other industrial activi-ties. When cotton prices declined in the early forties to 5 cents or 6 cents a pound Southern capital and energy promptly turned to railroad and industrial development.

Colonel Hester is convinced that the expansion of the textile industry will practically all occur in the South, with some of the New England mills moving bodily to Southern locations. In fact, this movement has already begun. Speaking on this point before a meeting of the National Association of Cotton Manufacturers, President Robert Amory, of the association, said:

'Our principal competition comes from the Piedmont district of North and South Carolina. There the climate is good and bracing. The operatives are pure bred American stock from the mountains. Like our original New Englanders, they have had hard work to make a living and appreciate opportunity. Work is not only a necessity but also a pleasure. These people are of great native intelligence and quick to learn. Mills have sprung up on every hand. Every little town wants a mill and offers free land, exemption from taxation, and all sorts of encouragement to the man who knows how to make cloth and will start a mill.

"The record is clear enough, the cotton industry is gradually slipping away. In the past various factors have helped us. Massachusetts had far more skilled help and översight. We had the finishing works where Southern goods must be shipped to be bleached, dyed, or printed. Now, there is excellent skilled help supervision in the South

Another angle is found in the uncertain situation of European cotton industries as reported by the Department of Commerce. Generally

The growth of the cotton industry bution to commerce and world United States outside of the cotton unit, with the possible exception of in the South is reviewed as follows by Howard L. Clark, in the "Manufacturers Record:"

The Southern States have been including seed, in the ten-year pelina, South Carolina and Georgia exsected in variety and growing states.

England, than in pre-war days. Laboratory on an eight-hour basis. It therefore including seed, in the ten-year pelina, South Carolina and Georgia exsects that European cotton consumptions are seeded in variety and seems that European cotton consumptions are seems that Europea sumption will not increase as rapidly as it was doing in pre-war days. All of which should tend to create more business for American mills in order to supply the lessened production of European mills.

"If Lancashire is to regain her trade of pre-war days," states Fred-erick W. Tattersall, a Manchester cotton authority, "something will have to be done to reduce produc-tion costs, and until spinners, manufacturers and merchants can place goods in distributing centers abroad on a cheaper basis, the turnover is bound to be restricted. New Engcotton manufacturers are meeting this condition by turning to the South, but how the English cotton interests will solve the problem remains to be seen.

To Give Summer Textile Course.

Dr. W. A. Withers, director of the State College Summer School. Raleigh, N. C., which opens June 12 and continues through July 25, announces that an entirely new course in the textile industry will be of-fered this year for those working in mill communities. The course is intended primarily to familiarize those who are now teaching or expect to teach in mill centers with the fundamental principles of cotton manufacture.

The division of vocational educa-tion of the State Department of Education needs teachers who have some knowledge of the machinery used in cotton manufacture, and are familiar with some of the simple operations to assist with the part-time program for mill operatives

This course should enable teachers who elect it to assist with this part-time educational program and thus supplement their regular salary. Those teachers in mill communities who are not planning to engage in this part-time work should find this course especially valuable, as it will enable them to better adapt their school work to the community activities, says Dr. Withers.

Mr. P. W. Price, of the textile faculty of the college, will have charge of this course which will roduction and the intrinsic worth ed 3.733,000 bales of American cot-speaking, European mills are pro-charge of this course which will the staple.

The staple.

The staple in the staple is the staple in the mills of the workers are turning out less per of lecture and laboratory work.

New Yarn Press

pany describes the yarn press as follows:

New Yarn Press,

arms, which operate in pairs. other words, there are two toggle are locked by two locks at opposite arms that extend out at each side corners of the chamber. With this

locking device.

"The sides are made of two doors, one 3' and other 2', giving a 5' cham-The uprights on the Economy are heavy channel instead of round rods, thus making the Economy much more substantial than any other yarn press built. The Economy also has nearly a foot longer compressing travel of platen than other makes of yarn presses.

erating between two gear racks, stop at a definite length of stroke chine on d escending travel when a which are attached to the end of thereby eliminating the necessity of certain predetermined pressure has the toggle arms, thus pulling the top ends of the toggle arms together by means of the pinion operating these two racks, forcing the compressing platen down; the entire strain of the pressure, however, be-ing up against the beam across the

The compressing platen is raised by simply reversing the motion of the motor, and the pinion between the racks revolves in the opposite direction, pushing the gear racks back, which are attached to the ends of the toggle arms, thus raising the compressing platen back up

to normal position.

"You will note that there is a standard worm gear and worm attached to the shaft that operates the pinion between the two racks, which in turn pulls the toggle arms, thus pressure is held at all points of the platen stroke.

"The Economy has the added fea-

ture over other presses.

The Economy arms are fastened solid to the compressing platen near the ends, while the other toggle presses the arms roll in toward the center of the platen, leaving the ends of the platen unsupported, permitting same to tip up at the ends if material is not properly distributed in the chamber.

"Another feature of the Economy is the fact that the toggle arms are not pivoted in the middle, thus giving the entire strain on the arms and end thrust only, and eliminating any opportunity to break the pit-

man arms in the center.

This new yarn press produces a bale 26" long, 24" wide, of seventeen cubic feet, weighing about four hundred pounds. Making it possible to produce bales 24 to 26 inches deep, weighing from fifty to four hundred pounds. Chamber five feet deep. Equipped with a directly con-

"Another advantage of the Economy is the fact that the end doors omy is the fact that the end doors The fact that the economy com-as well as the sides, swing out in- pressing platen is able to go down "There are four individual toggle dependently, leaving all four sides rms, which operate in pairs. In of the bale exposed, the four doors the press with the gear rack style of chamber -construction fastened on a shaft between, which eliminates the slot necessary at the pulls the two pairs of arms togeth- ends necessary to operate the pluner, forcing the platen down under ger bar and chain mechanism as tremendous pressure. regularly used on our other style of "The chamber is made up of four Economy presses, which is objected of doors, so that the ends of tionable for the baling of fine yarns, the chamber open as well as the because in a yarn press the chamsides. The four doors, however, ber must be completely enclosed lock at two corners by a very sim- and smooth on all sides—with no openings.

New Cloth Press.

The new cloth press is described by the makers as follows:

'First: The Economy operates considerably faster than the toggle

"Second: The compressing platen on the Economy has a much longer travel than the toggle press, thus making it possible to complete-"You will notice a pinion placed by compress each bale to its mini- with the automatic safety shut-off in the center between the arms op- mum density, instead of having to that automatically stops the management was great markets."

The Economy Baler Company, of nected electric motor capable of the Economy exerts full pressure at ward stroke at any point, with Ann Arbor. Mich., has recently pulling up to 15 horse torque, al- all points of travel. The compress- the operator having to think to s brought out a new yarn press and ternating current two or three ing platen on the toggle exerts the off the power at a given stroke. also a new cloth press. The comphase 50 or 60 cycle, 220 or 550 volt. maximum pressure only when the "These Economeys are as near toggle is at its straightest position. within a few inches of the bottom platform if desired, so as to produce a bale varying in all three dimensions if required, is a splendid feature.

"Third: The Economy is longer lived than the toggle, as there is practically nothing to be gotten out of order. The powerful special hand forged one and one-quarter inch Swedish Steel Chains revolve steel sprocket wheels at the

bottom, the same as is used on heavy hoisting machinery. "Fourth: Economy is entirely self-contained, requiring no special installation line shaft, jack shaft or We can other special installation. even mount these machines on wheels to be moved to different parts of the plant as desired, by simply having plug connections for the directly connected electric motor.

"Fifth: The Economy is equipped

blocking up under the material to been exerted, regardless of the po-bring the material high enough so sition of the plunger, or compress-as to get the benefit of the toggle ing platen. The compressing platen The compressing platen on can be adjusted to stop on its upward stroke at any point, without the operator having to think to shut

These Economeys are as near an automatic safety press as possible—the operators simply throws in the switch when he wants a compression and can go about his business. The machine doing its work and automatically stopping and holding the pressure the instant that a certain predetermined pressure been exerted. Thus each and every amount of material in each bale."

South African Cotton Goods Trade in 1922.

South African imports of cotton manufactures in 1922 reached the high total of 7,646,511 pounds, according to a report to the Department of Commerce from Trade Commissioner P. J. Stevenson, Johannesburg.

The British share of cotton goods imported continues to be predominant. Leaving out canvas and duck for which detailed figures are not available, their share was 5,-928,406, or 78.6 per cent. American cotton goods not only continued to hold second place but materially strengthened their position. Imports from the United States totalled 443,-997 in 1922, as against 246.011 pounds in 1921, and 34,587 pounds in 1912. The total compares very favorably with the trade during the war and post-war years.

South African Wool Prices Weaker.

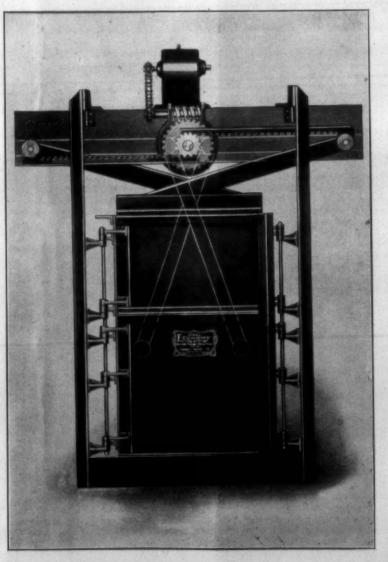
The Port Elizabeth, South Africa, wool market showed a decidedly weaker tendency in February. fair demand existed at lower prices, but sellers generally were unwilling to operate, the volume of business transacted being small. Fairly large quantities of Free State and Karroo wools arrived during the month, Consul Monnet B. Davis, Port Elizabeth, reports.

Poland Exporting Textiles to China.

Experimental stocks of cloth and wool blankets received by Polish textile mill salesmen at Harbin have enjoyed a ready retail sale, says Consul G. C. Hanson in a report to the Department of Commerce. Orders of considerable size have consequently been placed as the result with mills in Lodz, Bielostok, and Warsaw. Although no piece goods have been received from Soviet Russia, reports from Chita indicate that these goods are selling at prices 20 to 25 per cent above pre-war levels.

New South Wales Cotton Growing Unsuccessful.

Experiments in growing cotton in New South Wales have in most instances this season met with failure. poor results have been caused by the dry weather and insect pests, according to a report from Consul Romeyn Wormuth, Sydney.



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Overseer to Superintendent

Written exclusively for Southern Textile Bulletin by "Old Fixer", a man who has had long & varied experience in this work

It is quite necessary for a super-intendent of a mill to keep a watchful eye over the boiler room force for the purpose of preventing as much as possible the waste of fuel. It is usually the corporation or mill company which has to pay for the coal that is the most interested in the economical use of the fuel. have in mind the action taken by a mill agent who realized that his fuel consumption was too high and concluded that the best way to check the apparent waste was to engage the services of a man capable of instructing the men in the power department how to get better service from the fuel consumption and at the same time use less A man who was an efficiency expert in engine and boiler room work was secured and arrangements made for him to remain with us for a sufficient period to give the necessary instruction. I was employed in the boiler room of the mill at the time and had an excel-lent opportunity to observe the progress made by this man. First he got the men of the power de-partment together and illustrated partment together and the methods of firing with certain grades of coal, using the flame of a candle to bring out certain points of combustion.

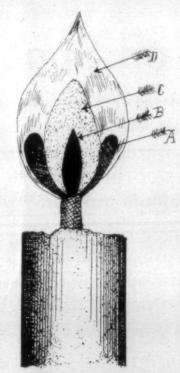
He demonstrated that combustion in the flame of the candle begins with the oil-saturated wick. material of which the wick is composed is ignited and gases are created. The resulting flame is separated into four parts as shown in figure 1 in which the darkest portion, marked B, is the result of the collecting of unconsumed gases.

These gases are constantly process of generation due to action of the heat upon the tallow or wax of which the candle is made. Next comes what is termed the base portion, which is the central part indicated C, and which part results from the immediate and complete combustion of the gases of part B. Oxygen and carburetted hydrogen now combine from the outside and flame of considerable heating power is developed. The luminous portions of the flame are marked C and D where the oxygen of the air combining with the hydrogen result in raising the separated carbon to the temperature of incan-descence. This action results in the production of the luminosity needed to give brilliancy to the flame. The interior cone of lumin-osity is indicated A and in it are oxygen in a combustion terminating in carbonic acid.

this technical instruction seemed far away from the point loss of heat and waste of coal re-which the superintendent of our sulted from its continued use. A which the superintendent of our sulted from its continued use. mill desired to have demonstrated, percentage of the carbon, so est and the listening men appeared to tial to effective firing, was lost the important and included the superintendent and include the superintendent of our sulted from its continued use.

under consideration. In order to obtain this result a sufficiently high temperature is needed in addition to ful lsupply of oxygen. If, in firing a boiler, there exists any impediment to the development of the proper temperature or a full supply of oxygen, perfect combustion of the fuel will be impossible and waste of coal will result.

These impediments might exist in boiler defects, in the presence of scale or corroded parts of the tubes plates. Or the fireman might be inexperienced and lack the necessary knowledge to properly fire his



Or the system of draft of the furnace might be out of working condition, or the mechanical parts so clogged that the passage of air is retarded. Or the fuel itself might be of an inferior grade, or of the right grade but impaired by long exposure to rain and general weather conditions in the open. The original plan of adjustment of the boiler or its foundation might be such that a sufficient supply of oxygen cannot reach the fire to insure perfect combustion.

A Defectively Design Ash Pit.

The expert had previously examthe heat atoms which mingle with ined the boilers and he had detected a defective ash pit in one of them and we were shown this pit and an explanation was given why percentage of the carbon, so essential to effective firing, was lost in the form of carbonic acid. The air be impatient and inclined to sneer, the form of carbonic acid. The air taken 1,950,818 square yards.

But as the expert continued his on entering the furnace from the The exports of printed cottons talk, interest began to be taken in ash pit gave out its oxygen to the were the feature of our foreign cotthe demonstrations. It was explain-glowing carbon on the grate bars ton goods trade for the month. Gray ed that perfect combustion consti- and generated heat as it should and goods exports were somewhat lower,

veal anything wrong.
It seems, however, that carbonic

acid was generated and this acid in passing upwards through the bulk of the fire took up a considerable portion of the heat units. The result was that one volume of acid would be converted into two volumes of oxide with more or less loss of heat units during the process conversion.

This trouble was caused primarily by the condition of the ash pit and the hars of the grate. The and the bars of the grate. The brickwork of the ash pit had buckled on one side to the extent that miniature fractures in the masonry permitted the escape of hot air from the interior and the admit-tance of cold air from the outside.

Not only this, the buckled condition of the wall interfered with the passage of air currents and the draft of the furance was disrupted. The bars of the grate had not been inspected for considerable time with the result that most of them were warped out of alignment so that some bars were too close together and others too far apart. This condition of the bars not only interfered with the draft by causing clinkers to collect in patches, prevented free consumption of fuel because the firemen charge was unable to operate the bars owing to the bearings sticking. This particular furnace had given trouble for months, but no one had ever undertaken to ascertain the reason why. It had consumed more fuel on the average than any of the other furnaces of the battery of boilers, and had sent greater vol-ume of smoke out of its stack. The engineer had changed firemen often, no improvement resulted. was left for the efficiency engineer to come along with his candle flame demonstration to prove that conditions must be right in the furnace in order to get a complete and satisfactory consumption of the fuel. That a'r must be supplied in proper volume and that the draft must not be retarded by buckled walls or warped grate bars.

The superintendent of the had the fire pulled out of the defective furnace, and the next day the masons tore out the brickwork and grate bars, both of which were replaced with new in a few days, after which that boiler was fired with less fuel and better results.

Exports of Printed Cloths.

Washington. -March exports of printed cotton cloths totalled 12,-688,678 square yards, were larger than for some time past. Cuba, with 4,723,745 square yards, took approximately 33 1-3 per cent of the total. The previous month the island had

tutes water (steam) and carbonic a casual examination would not re-totalling 8,819,436 square yards, as acid in an experiment of the kind veal anything wrong.

against 9,188.516 square yards in February. Analysis of the figures of the Department of Commerce shows that our exports of gray cloths to Latin-American countries were on the whole larger than the month before, but there was a counterbalancing decline in the ship-ments to other parts of the world, notably Canada. Where Canada was our largest customer for gray cloths in February, with 1,200,475 square vards, her purchases -declined in march to 597,718 square yards. Co-lombia was the largest buyer of gray goods in March, claiming 640,-291 square yards, with the Philippines a close second to the extent of 637,814 square yards, compared with 317,107 in February.

> Other important outlets for gray cloths in March were: Salvador, 547.612 square yards, compared with 775,809 in February; Argentina, 601,398, compared with 543,498 in February; Chili, 588,473, compared with 621,744 in February; Cuba, 457.008, compared with 261,921 in February; Bolivia, 463,864, compar-ed with 260,128 in February; Guatemala, 280,467 square yards, compared with 194,403 in February; Haiti. 386,216, compared with 323,122 in February; Jamaica, 269,734, compared with 294,891 in February; 258,750, compared with 801,000 in February; British, India, 300,000, compared with 75,000 in February; Honduras, 247,542, compared with 212,579 in February; Nicaragua, 217,932, compared with 176,565 in February.

Of bleached goods, 8,048,544 square yards left the country in March, compared with 5,208,025 in Febru-Philippine Islands was chief customer, chief customer, buying 3,579,615 square yards, against 1,730,517 the month before. Cuba was next with 1,525.617. against 830,511 in February; Canada, 796,895, compared with 775,681 in February; Mexico, 484,624, compared with 300,622 in February; Argentina, 244,220, compared with 283,463 in February. The balance of this trade was in smaller lots.

The 12,588,678 square yards of printed goods exported in March compared with 7,408,809 in Febru-As above noted, Cuba absorbed 4,728,745 square yards of the total. The Philippines were next with 2, 891,389 square yards, compared with 1.043,334 in February; Colombia, 866,476, compared with 674,253 in February; Canada. 811,529, compared with 693,224 in February; Mexico, 580.356, compared with 403,498 in February; Argentina, 278.426, compared with 441,123 in February; Haiti, 247,720, compared with 100,005 in February, and Honduras, 252,687, compared with 124,508 in February.

China's takings continue comparatrivial. gray bleached goods and prints, China took 74,401 square yards combined, in March, compared with 188,030 in

D. Massey, vice-president of the Eagle & Phenix Mills, Columbus, Ga., believes that periodic statistics on the consumption of cotton goods would be very valuable as a guide to all concerned in textile products, providing they were nationwide in scope and ranging all the way from the retailer to the cotton farms.

Through recent correspondence with the Department of Commerce, Bureau of the Census, Mr. Massey has made a thorough study of the advantages and possibilities of providing data on the "visible supply" of cotton goods, which, Mr. Massey points out, is a question closely akin to the suggestion of John Lawrence for collecting cloth consumption fig-

Bureau of the Census has been considering plans to get out monthly reports on the production and stocks of cotton goods. W. M. Steuart, director of the census, discussed the department's plans with Mr. Massey, the latter giving his opinthe stocks in consumer's establishments were also known.

Mr. Massey outlined his ideas in the following letter to the director of the census, written last January, Mr. Steuart's reply also being given

'Honorable Wm. M. Steuart, Direc-D. C.

"Dear Sir:

"Referring to your letter of January 11, from what you say I infer that you possibly have in mind reports intended to show the "visible supply' of cotton goods in the hands manufacturing establishments from time to time, as a sort of index or guide both for the manufacturers and the buying public.

"If this conception of your purpose is accurate, I do not think that it would fill its mission well unless it likewise disclosed with reasonable accuracy at least the quantity of like goods held by cutting and other manufacturing establishments, and wholesale and retail merchants, because the total supply available to the consuming public would, after all, be the only thing that would be of definite use alike to all interested in cotton goods, from the manufacturer clear to the con-

"Owing to the fluctuations of business, it might happen that manwould have a heavy stock, and those who purchase from them light stocks, and on the contrary, under other conditions, the mills might have light stocks and further down the line there might at the same time exist ample stocks.
"Very often in 'boom periods'

"Very often in 'boom periods' speculators buy great quantities of cotton goods and hold them for advancing prices, just as cotton and other products are often held for the same purpose. Hence, while there would be an apparent scarcity of goods at a given moment, high ation in connection with our indus-

Cloth Consumption Figures Must ing the period beginning in the Be Nationwide to Be Effective. spring of 1919. There was apparently a severe scarcity of but when the period of decline set in vast quantities that were being hoarded by various interests were thrown on the market: then the United States Government legan dumping millions of cotton r anufactures on the market, with the result that prices hit the bettom quickly, and there was a long period of depression until these surplus stocks could be absorbed by the consuming public.

"Hence, I repeat that simply to report the current output of the mills and their stocks on hand would be simply giving one phase of the cotton goods situation, and doubtless this would apply also to other textile fabrics, such as silks,

woolens and linens.
"Also, to be fully illustrative of marketing prospects, attention ought to be paid to cotton goods production throughout the world. The reason is that prices in America are heavily influenced not only by the importation of cotton fabrics ion that such information would be from abroad, but also by the pro-of little benefit to the mills unless duction of like fabrics in foreign countries, and either consumed in those countries or exported to other foreign countries, because all of such goods directly influence American prices.

"Again, the cotton goods prices are influenced to a considerable extent by the volume of production, tor of the Census, Washington, and the prices of the other textile fabrics, namely, silks, linens and woolens.

> "Then ,to give an idea as to what may be anticipated at a given time, the volume of business being done by stores selling direct to consumers is important, because if the consuming demand is small, the prospect is poor for the time being, even though the manufacturing and wholesale concerns might have comparatively light stocks, because it would be unwise for anyone to go ahead prducing at full capacity with the plain possibility that, owing to the low buying power of the public, additional goods would not be readily absorbed.

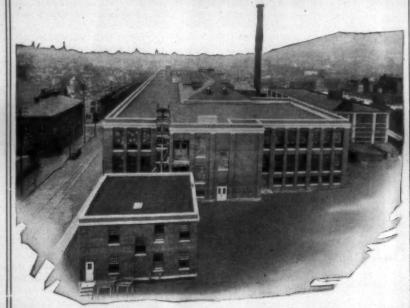
> "I am taking the liberty of drawing your attention to these considerations which appear to be warranted, on the assumption that the reports which you contemplate are intended to be a business guide, you might say, to those interested in the manufacture, purchase or sale of cotton goods, ranging all the way, you might say, from the cotton planter to the final wearer of a shirt.

> "Such a report could be very useful to the whole public if sufficiently accurate and if covering the whole field from beginning to end, just as some publications cover raw cotton field from Mesopotamia to China, including planting, ginning, warehousing, manufactur-ing and other enterprises."

Answering the above, Mr. Steuart

'We have given serious considerprices take a downward tenuency and immediately these speculators curing information on stocks need get scared and begin to unload, so by wholesalers and retailers. Such that suddenly a huge supply of data are highly desirable, but you will appreciate the difficulties in-

SOLVED /
-the old plant re-made '
without a shut-down



Here was a mill that had completely outgrown itself. With the demand steadily growing, more production capacity was essential. Yet the company, if it was to continue giving service to its customers, could not afford to close down a single day.

Lockwood, Greene & Co. met the problem by entirely rehabilitating and modernizing the mill, installing a new power plant, new machinery and improving the old. The equipment in the picker room was increased and new pickers were equipped with individual motors. The spinning mill was enlarged with additional frames run by individual chaindriven motors. In the weaving mill, 160 Draper looms were added. These improvements were all made without any interruption of production.

In solving such problems, Lockwood, Greene & Co. have the great advantage of long experience as leaders in textile mill engineering. Hardly a situation arises that does not have its precedent in Lockwood Greene experience.



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LOCKWOOD, GREENE & CO. ENGINEERS

EXECUTIVE OFFICES, 24 Federal Street, BOSTON

BOSTON ATLANTA CHICAGO NEW YORK DETROIT CLEVELAND CHARLOTTE

> Lockwood, Greene & Co. of Canada, Limited, Montreal Compagnie Lockwood Greene, Paris, France

Canada's Textile Industry

Canada, operating on every class of cotton textiles from coarse twines and ducks to fine mercerized yarns. The industry or ginated at Sherbrook, Quebec, in 1844 when a small duck mill was built in that place. In 1846 a mill was started in Mon-treal and about the same time an-

other one in Thorold.

By 1871 there were eight cotton mills with a capacity of 95,000 spin-dles. In 1885 there were in the Dominion practically 460,000 spindles and 9,500 looms. These were locat-ed mostly throughout eastern Canada in the Province of Quebec, this being the more thickly settled district of Canada and having an abundance of labor suitable for the cotton mill industry. The total spindles were divided among twentytwo companies, operating approxi-mately 150,000 spindles in Ontario, 195,000 spindles in Quebec and 120,-000 spindles in the Maritime Provinces

During this period, the tremendous development of the New England textile industry began to drain on Canada for mill help. French Canadians have always been very satisfactory for this purpose. drain on the Canadian labor market forced up the cost of labor in Canada and checked the growth of the industry for seven or eight

However, by 1892, it had grown to 550,000 spindles. By 1900 there were 650,000 spindles in the Dominion. In the past twenty-two years the capacity of the industry has practi-cally doubled as the figures for show about 1,250,000 spindles and 27,000 looms in operation.

As it exists today, this industry is a small compact unit, the total of 1,250,000 spindles being located in follows:
about twenty-five mills and 90 per 1911 cent of these spindles being owned and operated by ten companies, four of which are controlled in the United States.

The spindles in place today are controlled as follows:

, SI	pindles.
Dominion Textile Co	550,000
Montreal Cottons, Ltd	200,000
Canadian Cottons, Ltd	200,000
Wabassa Cotton Co., Ltd	100,000
Canadian Connecticut Cotton	
- Mills	30,000
Canadian Manhasset Mills	22,000
Canadian Jenckes Spinning	
Co	31,000
Empire Cotton Mills	25,000
Hamilton Cotton Mills	17,000
Imperial Cotton Mills	11,000
Cosmos Cotton Mills	25,000
This accounts for something	or over

1,200,000 spindles. The balance is nate scattered through a few small mills, ada. none of which have more than 3,000 spindles

vious that we can consider these mills are all located at Valley Field,

dian Jenckes, Canadian Manhasset and Canadian Connecticut are all tire fabric mills owned or controlled by the parent companies in the United States. The Imperial Cotton

United States, with other mills in

New England and Georgia By far the largest group. Dominion Textile Company which was capitalized at \$7,500,000 prior organization. They By far the largest group is the operate 500,000 spindles and 11,000 looms on a variety of goods. They make white and gray cottons, prints, sheetings, pillow casing, long cloth, cambries, ducks, bags, twines, drills, towels, blankets, rugs, etc. shirtings and dress goods compare very favorably with those imported from the best mills in Europe. They have a large print works and a large

This company was incorporated 1905 under Canadian laws and operates mills in Montreal, St. Henry, St. Paul, Hochelaga, Montmor-ency Falls, Magog, Quebec, Kings-ton, Ontario and Moncton, New Brunswick. Gross sales of this company from 1911 to 1921 show in rough figures as follows:

bleachery

1911								è		,		. 8	9,500,000
1912										6			9,000,000
1913													9,800,000
1914													8,900,000
1915													7,600,000
1916			÷										10,400,000
1917													13,400,000
1918													16,800,000
1919													23,700,000
1920													23,400,000
1921													26,400,000

OFFI	EE.	63	r x												
911														.8	990,000
912															1,140,000
913															1,230,000
914															1,190,000
915							*								1,230,000
916							*		ě						1,480,000
917								*							1,580,000
918															1,870,000
919															3,430,000

During this period the surplus of profits has grown from \$35,700 to 4,160,000, this latter being after a deduction of \$1,100,000 reserve for war income taxes. This will give some measure of the general success of this corporation. Through this entire period it has paid dividends on its common and preferred stocks and is generally rated as an extremely successful operating cotton mill, and certainly with its leader, Sir Charles Gordon, dominates the textile situation in Can-

The next largest group is that of bindles. the Montreal Cottons with 200,000
From the above it is perfectly obspindles and 5,000 looms. Their eleven concerns the textile industry Quebec. They have complete dye-of the Dominion of Canada. Five ing and finishing plant, make a line a profit of something over \$600,000.

(By Kenneth Moller, Lockwood, of these outfits are controlled in the Textile and are very closely allied of goods similar to the Dominion Greene & Co., Boston, in "Build-United States, leaving six as constituting the backbone of the textile Charles Gordon being president of above, as you will note, cover about industry in Canada and controlled this corporation as well as of the 1,050,000 spindles out of the total Dominion Textile. Manufacturing 1,250,000 in the Dominion. The Emprofits for this concern from 1914 pire Cotton Mills, Ltd., of Welland to 1918 show as follows:

1914\$368,000 1915 394,000 1916 473,000 492,000 1917

International Cotton Mills of the Dividends of \$300,000 have been paid United States, with other mills in each year. The surplus referred to above should really mean additions to surplus. The total mill surplus in the year 1918 is carried on the books at \$3,373,000.

The third largest group is the Canadian Cottons, Ltd., with plants lo-cated at Cornwall, Kingston, Hamilton, St. Stevens New Brunswick and Marysville New Brunswick. have approximately 200,000 spindles and about 5,000 looms. They make ginghams, colored flannels, ducks, shirtings, denim, yarns for the knit goods trade, cottonades and cotton twines, and besides these, the usual line of gray goods. Their gross sales and profits from 1907 to 1921 inclusive show in round figures as

	Gross Sales	Profits
1907	 .\$ 3,200,000	\$ 258,000
1908	 . 2,970,000	359,000
1909	 . 2,350,000	233,000
1910	 . 3,450,000	258,000
1911	 . 3,700,000	418,000
1912	 . 3,860,000	590,000
1913	 4,400,000	649,000
1914	 . 3,500,000	600,000
1915	 . 3,300,000	574,000
1916		717,000
1917	 . 5,700,000	793,000
1918	 . 5,600,000	1,126,000
1919	 . 10,800,000	1,560,000
1921	 	868,000
	A CONTRACTOR OF THE PARTY OF TH	

Their statement as of March 31, 1921, shows a surplus of about \$3,-000,000. It is generally conceded to be an extremely successful company and is a large factor in the Canadian textile industry.

Another large group is the Wa-basso Cotton Company at Three Rivers which also owns the Shawinigan Cotton Company at Shawinigan Falls and the St. Maurice Cottons at Three Rivers. They have a total of approximately 100,000 spindles and 24,000 looms. The product dles and 24,000 looms. The product of these mills is a fine grade of white cotton and the output of the Wabasso Mills alone is approximately 12,000,000 yards and 1,000,000 pounds of fine yarn, annually. We understand they are able to manufacture their goods, after paying Co:ton Movement From August 1 to freight and any import duty, at lower price than Americans can manufacture and under more favorable conditions. An analysis of their profits from 1916 to 1920 shows as follows:

1916																								\$147,000
1917																								181,000
1918																								108,000
1919																								460,000
1920																								443,000
Th	le	í	r	100	st	8	t	e	n	n	e	E	t	a	S	ú	0	f	1	15	31	15	3	showed

Ont., have been very successful and have put up a substantial addition the past year as indicative of their faith in the future of the textile industry in the Dominion of Can-.... 703,000 ada. The smaller mills, the Hamil-he surplus ton Cottons, Imperial and Cosmos. have generally been successful and we will be glad to give you any information you might care to have as to their detailed operations.

The general equipment throughout is fairly modern, although in many cases the buildings are old and antiquated. The drives in general are being brought up to date and a considerable amount of elec-trical installation is being done.

The Week's Cotton Trade.

Cotton prices witnessed substantial advances during the week end-May 18, final closing prices in the average of the daily quotations for spot cotton at 10 markets showing advances of nearly 1 1-4 cents per pound and for May future contracts on the New York Cotton Exchange of about 1 3-4 cents. Spot cotton closed at 26.01 cents per pound on May 18 and May future contracts at New York closed at 26.79 cents. The high point touched by May future contracts so far this season is 31.59 cents and the low point 20 cents. The advance was attributed to a better demand for spot cotton, together with continued cool weather in the cotton belt, some sections reporting warm dry weather badly needed.

Spot sales were in fair volume, and reports from the cotton goods markets indicated continued quiet-

Exports amounted to 21,74 bales, compared with 51,269 bales the previous week and 98,443 bales for the corresponding period last year.

Certificated stock at New York on May 18 was 60,347 bales, and at New Orleans 4,788 bales. Total stocks, all kinds, at New York, 85,548 bales. and at New Orleans 101,902 bales.

New York future contracts closed: May 18: May 26.79c, July 25.27c October 22.97c, December 22.58c January 22.27c. New Orleans closed: May 26.05c, July 25.45c, October 22.46c, December 22.09c, January 21.97. New Orleans spot cotton 26.25c per pound.

May 18.

	-	
	192'	1922
		Bales
Port receipts	5,456,522	5,384,542
Port stocks	406,118	893,014
Interior receipts	7,078,235	6,636,174
Interior stocks	508,435	838,360
Into sight	10,002,319	9,231,948
Northern spinners'		
takings	2,162,894	1.936,171

takings 4,053,467 3,370,634

Southern spinners

Armory Praises Southern Industry

Robert Armory, president of the up industries, not to burden them, of anything done by government did operation of two 48-hour shifts are National Association of Cotton Man- "Your greatest accomplishment is not fa!l alike on all workers, wheth- prohibited. ufacturers, speaking before the not the mills themselves. It is the er in mills or on farms. convention of the American Cotton industrial community or section ufacturers, Manufacturers Association in Richmond last week, made a very timely and interesting talk that was heard instilled in all your neighbors and with much gratification by the con-operatives. The fact that the Piedwith much gratification by the con-

the South. Comparing conditions existing in 1885 with those prevail- towns are scattered among the ing now, he declared that at the farms and the farms among the mill outset the farming community was poverty stricken because the supply was more than the demand.

"Between 1885 and 1900," Mr. Amory asserted, "each little town sud- can be exchanged for a certain numdenly became possessed of an in-tense desire to have a cotton mill. of the meager savings of the whole population, and where there react on the operative himself. was no cash by pledges of individual credit, money was collected and mills were built. Some of the poor farmers went to work in the mills, and many of them or their sons now manage mills. As the mills grew, so did the towns. Money

that you have developed, and the sound common sense you have kept mont section grew because Mr. Armory, in the course of his town wanted a mill has kept the address, marvelled at the miracumills scattered over a large area, lous growth of the cotton industry and largely prevented loo much crowding into great cities. The mill Each has its influence on towns. the other. It is easier, therefore, for your operative to realize that a certain number of yards of cloth ber of pounds of cotton or bushels of corn, and that lessening the number of yards of cloth produced will

"Trained in a section where eloquence is a virtue and an art, you have used it to spread common sense and practical examples economic law. We of New England have lacked this ability to We of New Engtalk, and have perhaps suffered came pouring into the district and somewhat from our general custom outside capital was offered,

of silence. We have left the talk-"You had one great advantage: ing too much to demagogues and competition, at the New England mills are Britain for eastern markets for life without industries meant in that either industry or farming. These working under 17 different restrict—woolen and cotton goods, and at section, and everyone helped you. expect industry to be managed by ive laws, which he called a considerate to work a mysterious something which they erable handicap. In Massachusetts, sioner Sanger, had become the chief

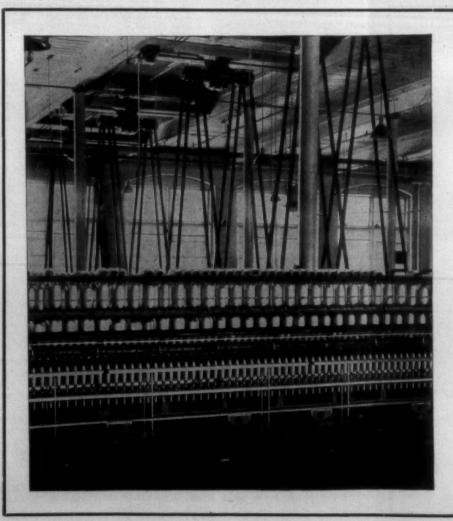
Mr. Amory compared the lesson of the development of the Piedmont section with what is going on in Russia, where following the Karl Marx theory, the individual is suppressed and industry is run through the government. Crops are good in Russia he said, and bread sells for one-half cent a loaf, but cotton cloth is expensive. The farmer in Russia has to pay a tremendous number of bushels of wheat for a piece of cloth, he said, and his purchasing power is practically nothing. The worker in the Russian mills cannot possibly get enough to eat, for their is so inefficient, Mr. Amory declared, that he cannot turn out even the few high priced yards of cloth that are necessary for an exchange with the farmer. In time, doubtless, after much more suffer-ing, the Russian community will appreciate the value of unhampered private business, he said, and indus-try will begin to build up again in the only way in which it can be

Discussing the talk of Southern competition, Mr. Amory pointed out that the New England mills are

"Do not think for a moment that all these New England mills are going to move down here," he as-serted. "In the first place, too rapid growth would not be wholesome for the Piedmont section, and secondly, it is expensive and almost impossi-ble to move a mill." The low New England capitalization, he said, coupled with a good liquid asset posi-tion due to years of thrift, make it possible for the New England mills to compete most of the time. England The big Southern advantage, however, he said, is hours per week of operations, many of the other socalled advantages, such as being close to the cotton fields, amounting to very little.

Until present conditions in New England change, he concluded, few, if any, cotton mills will be built there. The high cost of new mills built today outside of New England, he said, is a distinct advantage to her low capitalized mills in compe-

Japan Chief Buyer of Australian Wool.



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The life of a mill truck or receptacle is a hard onekicks and scuffs, collisions and bumps come its way with disheartening regularity.

The truck built of ordinary material that is made strong enough to stand the gaff of its daily life not only troubles noisily but is hard on floors and is heavy to push. Receptacles of ordinary materials that are strong enough to last long are too heavy for easy moving.

But—there are trucks and receptacles of Vul-Cot Fibre, Laminar Mill receptacles—that wonderful material that is so strong, so tough and sturdy that it is practically indestructible and yet is lighter than any substitute for it.

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National Vulcanized Fibre Co. Wilmington, Del.

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A full stock is carried at our Southern a anch. Write for prices and catalog.

The Dyeing of Mixtures.

Both acid dyes and direct cotton dyes are used to produce a solid effect on fabrics woven from undyed woolen and silk yarns. At the temperatures, these dyes have a strong affinity for silk, but only a weak affinity for wool. At the higher temperatures the situation is reversed. It will be inferred from this fact that there is an intermediate temperature at which the affinity of the dye for both silk and wool will be the same. If so, this intermediate temperature is the right one at which to dye the fabric of silk and wool a solid shade. This temperature is not the same for all The temperature of equal affor Fast Red is 100 degrees F., but Quinoline Yellow has its temperature of equal affinity at 140 degrees, while Orange IV has it at the boiling point.

The structure of the fabric plays its part in determining the temperature. The dyeing process is begun in the cold liquor. If the wool is not absorbing the dye fast enough, the temperature is raised gradually. The silk may not take the dye fast enough. The remedy is to lower temperature. When two atures close together.

There are many direct cotton dyes which may be used in combinations because they are all suited to the temperature range, 195 degrees-112 degrees F. These are dyestuffs well adapted for a solid shade. Three separate dyes may be combined. In this way, one may produce on wool-silk fabrics good solid shades of browns, greens, olives. The sulphoncyanine dye-stuffs are well adapted for blue and

The dyeing of mixtures centers mainly on cotton and wool fabrics. Following are the methods used:

1. The wool in the fabric is dyed first, acid dyestuffs being used. This is followed by deying the cotton in nin. a cold, alkaline bath.

2. The wool is first dyed with acid Then the cotton is dyed by a mordanting operation with tannic acid and a fixing operation with tartar emetic, the object being to prepare the goods for a second dye bath in which the cotton is dyed with basic dyes.

3. The goods are colored in a single bath with a dye suited for both wool and cotton, or with a combination of an acid color and a direct cotton dyestuff. The bath is made neutral in both cases. The acid color dyes the wool and leaves the cotton practically undyed; the direct cotton dye colors the cotton more than the wool.

4. The cotton warp is first colored with a dye fast to cross dyeing. The warp is woven with a wool weft and the latter colored in the piece with an acid color.

Method No. 1 may be employed in cases where it is not absolutely necessary that both fibers be the same shade. If the cotton is well dyed, that is sufficient. The method suited to the dyeing of shoddy. Filling up the cotton after dyeing is done with sumac and iron, if the shade is to be a black, a blue or a heavy brown; or with and softeners.

a direct cotton dye adapted to the shade of the wool. Pile fabrics having a wool pile and a cotton back are dyed by Method No. 1. Also, fabrics likely to crimp if put through a neutral Glauber's salt bath. An example is a union fabric of wool and cotton which contains artificila silk effect threads.

The advantage of this method over the single-bath procedure consists in the fact that brighter shades may be obtained on the wool. There are many direct cotton dyes available for dyeing the cotton and leaving the wool unstained, provided a low temperature is employed. The operation may be carried out in a washing machine. A concentrated liquor is used. The heavy rollers squeeze the dye into the center of the fabric.

Instead of using sumac and iron, one pound of Glaumer's salt and two ounces of soda ash to 100 pounds (12 United States gallons)

of water may be used as assistants. Method No. 2, although sometimes called a two-bath process is in fact a four-bath operation. There are also four washings. It is the process used for bright pinks, greens, blues, violets and shot effects. The first bath is an acid dye bath for more dyes are combined they should the wool. In addition to the dye possess an equal affinity at temper-solution, 4 per cent of sulphuric acid and 10 per cent of Glauber's salt are added to the bath. The dye solution is prepared by dissolving the dye in a small quantity of hot water. The dyeing lasts an hour, the temperature being held at about 200 degrees F. Instead of the sulphuric acid and the Glauber's salt, 10 per cent of sodium bisulphate may be used based on the weight of the material.

After dyeing the wool, the goods are washed to remove the excess acid and dye. The next operation acid and dye. is carried out in a mordanting bath to impregnate the cotton with fan-From 2 to 10 per cent of tannin. nin is used-the darker the shade the greater the percentage of tannin. The goods are entered in the mordanting bath at 200 degrees F, and run for 1 hour to allow the cotton to absorb tannin.

Next comes a fixing bath, which is prepared with 2 per cent of tar-tar emetic and used cold to fix the tannin in an insoluble form. Tartar emetic is a salt of the antimony.

The goods are rinsed and are entered into the fourth and last bath prepared with a suitable basic dyestuff, to which 2 per cent of acetic acid is added. The dyeing is done in a lukewarm bath, the object of the low temperature being to prevent the wool from being colored.— Textiles.

Brunzol Products.

The New Brunswick Chemical Company, Newark, N. J., reports an active demand for their special Brunzol products. The new adver-tising campaign which they have recently developed is bringing gratifying results and a widespread in-terest is being manifested in their sizing specialties. Particularly is this the case with Terpol Hydrate which makes possible the use of low priced starches and with their Brunzol waterproofing compound

textile industry did not figure prominently in the marked improvement of foreign trade during April, compared with the corresponding month of last year. Of the nine groups of textile imports and exports only five of the former and three of the latter showed an increase in value compared with April, 1922. The declines in the import trade were confined to raw cotton, raw silk, woolen and worsted yarns and silk manufactures. From the point of view of the British manufacturer, the two last mentioned do not amount much, but raw cotton imports totalling in value just over 4,000,000 pounds during the month were low-er by 1,360,000 pounds than in the same period of last year.

The silk imports at 104,000 pounds

were lower by 68,000 pounds, which is not an appreciable difference.
All Textile Manufactures Down.

Comparing the textile export trade with April, 1922, the largest decrease was in the shipments of manufactured goods, where every group showed a decline. The three advances were in the exports of tex-Although some tile raw materials. allowance must bade for the de-cline in prices during the last 12 months, yet the falling off in some of the exports of manufactured goods is most marked. The outstanding feature; perhaps, is the decrease in the shipments of cotton yarns and manufactures, which totalled 13,000,000 pounds, a drop of 1,700,000 pounds on those of April, last year. This was the biggest decline of any section of Great Brit-

An analysis of the cotton exports reveals a big decline in the shipment abroad of gray unbleached cotton yarns, particularly to Germany whose imports under this heading only amounted to 1,500,000 pounds compared with 3,310,000 pounds in April 1000. pounds compared with 3,310,000 pounds in April, 1922. Other countries which took less yarn during April included Sweden, the Netherlands, Beigium, Switzeriand, Austria, Turkey, China, Dutch East Inand the Argentine Republic, besides many Indian ports. The United States' imports under the heading during April amounted to 491,000 pounds compared with 242,-200 in April, 1922.

Germany's imports of bleached and dyed cotton yarns from England totalled only 1,000 pounds compared with 6,000 last year. Belgium only took 400 pounds compared with 6,600 and France, 3,200 pounds compared with 8,900. Roumania, Tur-key and China also bought much smaller quantities. The United States' imports amounted to 35,400 pounds compared with 15,100 pounds in April, 1922, and 25,100 in April, 1921.

Two countries outstanding in increase dimports of British bleached and dyed cotton yarn were Bulga-ria and the Dutch East Indies. The general manager of the Belton Yarn former increased her exports from Mills Co.; J. C. Saunders, of the 5,000 to 61,000 pounds and the lat-consolidated Textile Corporation, ter from 15,000 to 63,000 pounds. Bonham; John W. Carpenter, vice-America took over double the quantity of cotton yarn in April than the Texas Power and Light Comshe bought a year ago, the total pany Dallas crease dimports of British bleached she bought a year ago, the total pany, Dallas.

Textiles Lag Behind in Great Brit-ain's Race for World Trade.

London, May 46.—Great Britain's textile industry did not figure prom-

more prominently as a consumer of gray unbleached cotton piece goods. During last month Great Britain exported as much as 8,260. 000 square yards to America, which is nearly four times last year's to-tal of 2,174,100 square yards. Exports of bleached piece goods to the same country totalled 1,200,000 square yards. The total exports of totalled 1,200,000 kinds of cotton piece goods to nerica were 15,460,000 square America were 15,460,000 square yards, which compares favorably with the total in the same month last year which was only 7,300,000.

Shipments of outer garments, overcoats and mackintoshes to the United States were down to 549 garments during April, compared with 948 garments in the same month of last year. In spite of this decline the exports of all other outer and under garments, not including hosiery, are being steadily maintained.—Daily News Record.

Mill Machinery Men Tour Texas.

Austin, Tex., May 21.—On a tour of the State that will last eight days, ending May 28, a party of about 30 representatives of textile manufacturers and affiliated interests are investigating the possibilities of the industry in Texas with the view of extending their opera-tions to this State. The trip is be-ing made under the auspices of the Texas Chamber of Commerce. itinerary includes more than a score of towns, among them being Long-view, Marshall, Waco, Temple, San Angelo, Amarillo, Fort Worth and

Boston, Mass.; Rogers W. Davis, of the Saco-Lowell Shops of Charlotte, N. C.; I. D. Wingo, of the Whitin Machine Works of Whitinville, Mass.; George O. Draper, president Hopedale Manufacturing Co., of Milford, Mass.; William R. Neff, of Converse & Co., of New York City; William Davenport, of Spencer & Co., investment bankers of New York City; Carroll Williams, of the Manufacturers' Record, Baltimore, Md.; A. D. Oliphant, of the Textile World, New York City, and a representative of the Stafford Co., of Readville, Mass.

J. Percy Barrus, president of the

J. Percy Barrus, president of the Texas Cotton Mills Co., McKinney, and the newly organized Dallas Textile Mils Co., who is chairman of the textile committee of the Texas Chamber of Commerce, is acting as host to the visitors from the Southeastern and New England States. Other Texans on the trip are W. L. steele, of Waxahachie, vice-president and general manager of Waxahachie Cotton Mills Co.; P. M.

Order them

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(69)

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Dry Goods Commission Merchants

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If you want to know of desirable fabrics to run on, write the Liberty Textile Corporation. Give us your equipment, numbers you best balance on and we will recommend the best cloths that are prevailing today. The Liberty Textile service is meant to serve, but you must do your part in helping to follow up the current.

New Color Card.

The Textile Color Card Association of the United States, Inc., has brilliant shades

There is a collection of ancient a wide range of light, medium and tan just issued its color card for the are 78 colors, of which 66 are porfall and winter of 1923. The matrayed in silk, and 12 in wool. As jority of the colors are soft and usual, there is a separate group of usual, there is a separate group of deep in tone, with only splashes of 10 shoe, leather and hosiery shades.

Egyptian colors, named from the dark tones. In point of number, Egyptian exhibits of the Metropoli- greens follow suit, while blues and Museum of Art. In all there reds divide honors about evenly.

Two tapestry colors, named burn- sand, recalled from the ished gold and antique bronze, are card, are also repeated. the first shown. These are followed by two greens of Egyptian origin Browns are in the lead, covering named turquoise green and amulet.

Two shades-called withered rose and old cedar—portray the dull brown of seared and dried rose leaves, and the rose touched brown of o'd and unearthed cedar.

Greenish blue which the tians applied in the making of fal-ence pottery is reproduced under the name of faience. Whirlpool, a deep water blue with green under-tones, is recalled from the fall 1922 card and with faience forms one of the blue ranges

Two Purples Offered.

a deeper orange called Mandarin. Only two purples are offered—pansy and the purple S 7007, both recalled from the standard card. Mellowed rose reds are represented. lightest is called blush rose. the darkest tapestry red, while the medium shade is called fragonard. The blues of the o'd Gobelin and Flemish tapestries are portrayed. These are arranged in a group three, the lightest of which is called sistine.

Papyrus is a tan and forms the lightest of an interesting brown range which depicts three distinct shades generally associated as the background to Egyptian coloring. The other two are named cartouche and mummy brown. Feldspar is a light, rich green, slightly yellow in tone and on the order of jade. Two deeper shades of this range are call-Egyptian green and amarna. ed Egyptian green and amarna. "Export orders are being placed. Egyptian reds are also represented The goods are being shipped. The in a group, the lightest of which is reproduction of carnelian. shades of darker tone complete this These are called Egyptian group. red and Coptic.

Three blues, also of Egyptian origin, are represented by a light blue ney to Davy Jones' locker. Expert of slightly violet cast, called blue opinion is quoted to show that as lofus, and two deeper and shades, named Luxor and Hathoy. The light tans, fallow and deer,

have been recalled from the 1923 spring card. To these have been added a deeper shade named sphinx, taken from the spring 1921 card. Three deeper browns are depicted by a range of tobacco shades. The lightest, called cigarette, is gold-tinted. The darker is called Havana, and tobacco, S 3945, from the standard card.

Almond green shades are tarragon and eucalyptus from the 1923 spring card. Two new shades are called coral and doge. The former is a deep pink coral, and the latter a wine-dipped red with copper lustre.

Another group of reds of entirely different character, introduces again the spark shade from the spring 1920 card, followed by a scarlet red called holly berry. A deep shade is entitled India Red. Other colors also typical of India are three spice browns, dubbed burma punjab, and ginger, the last having been repeated from the fall 1922 card.

Still another range of greens is given-medium and dark shades tinged with yellow bronze tones.

The grays—zince, pelican and rebe—and the navy blue—ensign. navy 1, and navy 2, make their "perennial" debut. Long Beach and sand, recalled from the spring 1922

In the woolen group the brown family leads. The lightest is called camels' hair and is followed by a shade deeper and slightly grayer in cast, named sakkara. A still darker shade is named biskra. The darkest brown is called perique. Two blues are shown, the lighter, a French peasant blue, called Normandy. peasant blue, called Normandy-Sailor, a dark navy, is the second. Two grays are named phantom and London smoke.

A red-toned orange introduced the sport element, which is also suggested by a dark coppery brown called manzanita. Blending in harmony are two greens—grayish blue in tone—called pine tree and ever-A flamboyant orange of pinkish in tone—called pine tree and ever-cast is called Florentine. With this glade, which complete the woolen ollection.

Shoe, Leather and Hosiery Group. The shoe, leather and hosiery group shows a range of five browns. These include thrush, Haze!, Man-

dalay and Congo. Silver, fog and cruiser grays have likewise been recalled from the 1923 sprin gcard. A new shade called log cabin is a rose-toned castor, while of autumn browns brings up the rear.

Converters Want the Export Trade.

In an article appearing in the recent issue of "The Yardstick," the organ of the Converters' Association, there is an interesting article telling of the export trade and its possibilities. It shows very clearly that these factors are alive to the foreign trade possibilities in tex-The article says:

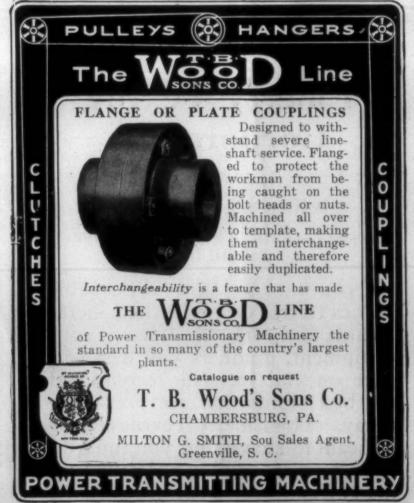
payments are being received. These statements will never appear What teadlines in the daily press. we read there creates the impression that the export trade of the United States has taken a long jourwe are a creditor nation with a Chinese wall tariff, as other countries have no money, and as price competition with other countries is mpossible, foreign trade is only a memory. They indicate that the memory. They indicate that the overproduction of our factories cannot be sold and we should produce

"Even though these conditions are handicaps-large handicaps-to successful export activity it is a fact that export trade still exists and in volume. The opening senlarge tences of the first paragraph are correct. Export orders are acing placed, not in the volume of the peak years, but as compared with pre-war figures it is a very satisfactory volume.

These orders are being placed on terms which are mutually satisfactory to buyer and seller, so that shipments are being made and payments received on a desirable basis. A most desirable feature is the fact that it is increasing regularly, not too fast, but enough to indicate a healthy condition.

reens is "How is such a conclusion reach-shades ed, so different from the general news reports? In two ways. First,





the figures of exports published by the Bureau of Foreign and Domes- organized in 1903 and in the years tic Commerce. These show under since then has established itself as careful study that in most lines of authority on design and application manufactured goods our position as of trade marks in the industries compared with the pre-war period mentioned. is very favorable: Second, a sur-very of manufacturing firms who are the new building, the Kaumagraph interested in export. Some of these Company is planning a still furhave remarkable success, while other extension of its comprehensive trade are trade-company. ers in the same line are not getting a satisfactory volume. This would indicate that in many cases the fault is with the individual firm and not the condition existing.

from the survey was that export trade is not dead. It is not sleeping, either, although the replies received from some firms would indicate that it is. Export trade is a live issue. It exists, but only for those who are willing to work for it and work at it. The days of the weekly service, but under easy order are past. The world has conditions the yarn bulletin returned to a highly competitive pear at irregular intervals. condition. To get foreign business this change must be recognized and met. Many firms are doing this, perhaps your own competitor is getting the results you would like to get. It is the time now to be active; to work to build an export trade which will be permanent and profitable."

Kaumagraph to Erect Eight-Story Building.

Contracts were recently let for the new eight-story building to be erected by the Kaumagraph Company at 350-356 West Thirty-first street, New York City, on a plot 80x 100 feet.

The new building will be in very strategic location, opposite the new addition to the New York General Post Office.

The three upper floors will be used by the Kaumagraph Company for the manufacture of their fa-



mous dry transfers, which are used throughout the world for the trade marking of textiles, silks, hosiery, leather, gloves, etc., the new building being the result of the large increase in the company's business in the last few years.

The Kaumagraph Company

trade mark service.

Cotton Yarn Industry.

d not the condition existing. Washington.—A special bulletin "The general conclusion obtained of foreign cotton yarn trade notes om the survey was that export has been prepared by the Textile ade is not dead. It is not sleep- Division of the Bureau of Foreign and Domestic Commerce. It contains brief excerpts from reports from various markets, prepared for easy perusal by busy executives. It is hoped ultimately to make this a weekly service, but under present conditions the yarn bulletin will ap-

The bulletin follows: Germany.

A medium sized spinning mill in Germany now requires a working capital of 1,000,000,000 marks monthly. As a result of the scarcity of money, it is difficult at times to secure raw materials. (Consul F. R.

Stewart, Bremen, Germany). China.

Swatow, China, is large and grow-ing steadily. About 70 per cent of the imports in this district are gray 20s, twisted; 20 per cent are estimated to be in 42-2; twisted and bleached. There is also a small demand for 42-2 in the gray and 52-2 both bleached and unbleached. Approximately 5 per cent of the shipments are in 32s in the gray and another 5 per cent in 40s in the gray, and there is also a small demand for these yarns bleached. (Consul Lester Schnare. Swatow, China).

Quotations of yarn in the Hongkong market during February in Mexican pesos per bale were as follows: 10s, \$174-202; 12s, \$180-202; 16s, \$195-215; 20s, \$130-207. The arrivals amounted to 1,200 bales and the sales for the month were 3,500 bales. Unsold stock amounted to 7,000 bales. The exports of cotton varn to the Philippines in February, 1923, amounted to 14,354 kilos as compared with 5,507 bilos for the month of February, 1922. The exports of the same article for the first two months of the year amounted to 47,494 kilos in 1922 as compared with 65,451 kilos for 1922. (Consul Wm. Gale, Hongkong, China).

India. The average wage earned by mule spinners in the Bombay district of India in 1921 was 1 rupee and 15 annas. (Three rupees are approximately \$1). Those working on ring frames earned an average of 11 annas per diem. (neps.) The Indian cotton mill industry). The Indian cotton mill industry) are market which is showing any activity in Manchester. Sales are in counts from 60s to 80s. (Barclay's Bank Circular).

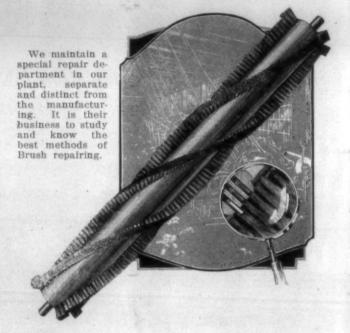
Japan.

Japan has increased her spindle-age from 2,414,000 in 1913 to 4,627,-000 in 1922. China has increased her spindleage from approximately 1,000,000 in 1913 to 2,244,000 in 1922.

Bosson & Lane

B&L Anti-Chlorine, the Dependable Neutralizing Agent for Chlorine in Cotton Bleaching

> Works and Office. Atlantic, Mass.



Brush Repairing

The picture above illustrates our method of peg-set cylinder brush repairing. This modern method far surpasses the old pitch-set repairing of years ago, which was both unsatisfactory and troublesome. Under the old method as most mill men know the pitch from the combers and cards dropped into the webb, passed out in roving and gummed and lopped the drawing frame rolls. All that is done away with in this secure peg-set construction shown above. It is the strongest and most permanent method known.

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Industry.

Associated Knit Underwear Manu- by the handicap of antiquated facturers of America, one of the plants and equipment. In certain most interesting features was group of six papers dealing with the subject, "What's the Matter with the Knit Underwear Indus-The first of these papers is given below:

This title implies that something is radically wrong, eiter in te man-ufacture or distribution of knitted underwear. Viewed from the standpoint of an outsider it is difficult to out defects in an industry, the manufacturers in which must necessarily know more about details than can any outsider. Therefore criticisms which may be urged by one who is not a component part of the industry itself may not be valid in all respects and may easily be answered by those who have a practical knowledge of the workings of this division of the textile trade. It may seem presumptuous therefore for a newspaper editor to criticise the manufacture and distribution of underwear. The only excuse outside of the fact that he has been asked specifically to do this very thing, is the possibility that he may have a perspective which may not be possessed by those who are closely identified with manufactur-

ing processes.

Viewed from the standpoint of sales volume the current situation in the underwear trade makes necessary the statement that there is practically nothing the matter with the industry. Business for fall has been liberal, with the majority of manufacturers sold ahead, with few stocks at the mill or in the hands of jobber or retailer. Jobbers are oversold on the basis of opening prices and are apparently in a position to pay advances and still make a reasonable profit. There has been some hesitancy on current business because of the backwardness of spring, but it is generally believed that with the advent of seasonable weather a rush to secure merchandise will leave little to be

A satisfactory current standard however, does not necessarily elim-however, does not necessarily elim-nossibilities of undesirable industry as undesirable conditions affecting the industry as a whole

Returns Too Meager.

Perhaps the most general complaint urged against the underwear industry by manufacturers and by selling representatives is that based on the investment, risk and energy involved returns are altogether too meager. One reason given for this meager. One reason given for this is that there is too much competi-This statement hardly seems valid in itself, for competition of the right kind never hurt anyone. However, if it is admitted that there is too much cut-throat competition then the effect upon the industry as a unit must be regarded as detri-We are inclined to believe mental. that there is basiss for such crit-Too little is known about costs to prevent a species of competition that has no basis for exist-ence. Rumor is frequently accepted as fact and prices made ac- of knitted underwear to the actual costs but simply with an eye union suit and the fifty cent shirt

What's Wrong With Underwear single to beating the other fellow and keeping the mill running.

The lack of knowledge as to costs At the meeting last week of the is supplemented in many instances Associated Knit Underwear Manu- by the handicap of antiquated sections machinery has been allowed to depreciate without necessary additions or replacements. The consequence is that new mills in sections where the industry is in its initial stages, particularly in the South, have a weapon which they can use to advantage in commercial warfare.

An evidence of inefficiency from the standpoint of manufacture can be adduced from the reports current from time to time as to con-solidations. Such a report is current today and it is evident being considered very seriously, even to the point of appraisals being made of various plants supposed to be involved. Of course knitting manufacturers always have price at which they will sell their plants, but if there apparent eagerness to consider the of mills it would seem evident that all is not right with those who are amenable to such propositions.

But it may be asked whether consolidation is not practical and in the line of economy. Combinations plants in other branches textile industry have been effected, with satisfactory largely results. Attempts at such procedure in the undearwer trade have in the past fallen through and it is possible that one of the principal reasons for such failure has been the lack of harmony in the industry and of suspicion one of another. It is true that considerable progress in allaying such suspicion is being made by trade organizations such as that represented at this meeting

As a corollary to the matter of consolidation the question of uniting for the purpose of manufacturing and distributing a wider variety of lines than has been the custom in the past is up for consideration. Arguments may be advanced on both sides of this question and undoubtedly many of you manufacturers have very opinions as to the feasibility or desirability of such procedure. If the jobber, however, shows a decided trend toward including in his stock decided all of the lines which are bought by the furnishing goods buyer, would not a combination of mills making this variety of lines be worthy of consideration? It would appear to be at least good economics through the elimination of necessary effort and expense in selling at least. There have been instances in the last few months of combinations of underwear and hosiery May it not be possible that future in the near may be effected of mills making not only hosiery and underwear, but also gloves, collars, and neckties, in other words, all lines comprehended in a furnishing goods department? With reference to the selling

price of underwear it would seem as though the retail buyer had been educated to believe that there were certain ranges outside of which it was impossible to go in the sale cordingly without any reference to sumer. In cheap goods the dollar

or drawer should be regarded as a relic of the past as a prescribed figure at which merchandise must be sold at retail. This is not to imply that it is impossible to make goods today which will sell for this figure, but rather that the retailer should be educated to a more ried line of prices and that the consumer should feel it is possible and desirable to pay for goods ac-cording to quality rather than to demand goods at a price. This involves educational work which is being done to an extent through the advertising campaign in which many of you are interested. Let a newspaper man, however, declare his belief that you have not been a ive to your opportunity in connection with this form of public

Jobbers and retailers both should be convinced of the desirability of selling quality merchandise. It is too easy today for either the jobber or the retailer to subtitute one line for another where an advan-tage of a few cents a dozen may be urged as the controlling motive in making the purchase. This might making the purchase. This might be obviated to an extent by the ex-pans on of the brand or trademark idea if the selection of such brand or trademark would carry with it the determination to maintain quality by the manufacturer. One of the principal reasons for the success of nainsook underwear has been the cheapness of the product. Comparatively little has been said about quality and yet knitted underwear manufacturers have neglected to stress this feature in their own product. Nainsook underwear manufacturers have lifted themselves by their own bootstraps into their present position of prominence largely by persistent and well directed advertising. If the knitted product is to come again into its own and to occupy the place which its properties make feasible, a leaf must be taken from the athletic underwear trade's book and it must become the fashion to wear knitted underwear again.

Another element with respect to price that is open to criticism, at least from the manufacturer's standpoint, is that underwear prices do not show the advance justified by conditions. Outside of hosiery probably underwear is the cheapest product in the textile industry comparatively speaking and based upon pre-war figures. Is it because of a lack of courage and knowledge of a product of intrinsic worth that underwear manufacturers have not insisted upon the margin of profit to which they are entitled? It may be that one reason for this condition is the amount of gambling that has always been in evidence in connection with the yarn market. Instead of providing for a requisite supply of yarn to meet a season's requirements, too many manufac-turers are prone to wait for the impossible in connection with yarn prices, with the consequence that oft times they are obliged to pay the top of the market and increase the top of the market and increase dency in the underwear trade, possi-the cost of their product unduly, bly more than in most divisions of Certain manufacturers are credited the textile industry is to sell with being very shrewd yarn buy-through one's own agency and not ers. On the other hand, the knit-through a commission house. Where ting industry does not possess the one plant of moderate size is conreputation of being discreet in its cerned this means that the selling



.. Tompkins Textile Society at Textile School, North Carolina State

Tompkins Textile Society.

composed of students taking the textile course in the Textile Department of the North Carolina State May. This Textile Department

risk and responsibilities.

This leads to another point which it would appear that there is an element of waste. The tendency in the underwear trade, possi-

olina, and there are registered dur- the Tompkins Textile Society was ing the present year one hundred formed about fifteen years ago, and

is the Textile School of North Car- rious problems relating to textiles on technical subjects.

The Tompkins Textile Society is and seventy-one students. Thirty- this society meets once every two one young men will graduate from weeks. Speakers are invited to adthis Textile School at the end of dress the young men, and the stu-For the purpose of studying va- dents also prepare various papers

purchases of yarn by sellers of this force is not occupied to the extent cerned. We are not in a position product. They more often are of its ability. In a good season it to know whether the comparative wrong than right according to yarn is possible for the selling force to cost of selling through one's own dealers. The desirability of im- dispose of a product of a mill with- agency and that of selling through wrong than right according to yarn is possessed a product of a mill with- agency and that of setting through dealers. The desirability of im- dispose of a product of a mill with- agency and that of setting pressing upon underwear buyers in a short time with the conse- a commission house is so pronouncanticipation of their requirements quence that the remainder of the edly in favor of the former as to should be taken to heart by a good year is comparatively wasted, as make it undesirable to change, but many underwear manufacturers.

[Additional content of the edly in favor of the former as to should be taken to heart by a good year is comparatively wasted, as make it undesirable to change, but many underwear manufacturers.

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[Additional content of the edly in favor of the former as to should be taken to heart by a good year is comparatively wasted, as make it undesirable to change, but many underwear manufacturers.

tional Association of Hosiery and Underwear Manufacturers an able paper was presented on the problem of selling the retailer. The author of this paper, who is one of the most successful hosiery manufacturers going to the retail trade, Frost Proof Closets probably did not increase compe-tion from any of his hearers be-cause of his citation of the many difficulties and handicaps incident to this form of hosiery distribution. Nevertheless as far as underwear is concerned, many of the most con-spicuous successes, particularly in the western part of the country, are closet made. In service winter and manufacturers who are selling the retail trade exclusively. We are not one of those who believe that the jobber is destined to extinction, at least for a considerable time to come, but at the same time there are apparently sufficient attractions and savings in selling the retailer to cause the subject to be one of vital moment to all underwear manufacturers. Undoubtedly such a method means a perfection of organization and refinements of selling that are not necessary in dealing with the jobber, but at the same time the possibilities may more than compensate for the increased

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Enameled roll flushing rim bowls.

Heavy brass valves.

Strong hardwood seat.

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Malleable seat castings will not break.

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Even before the first tape driven cotton frame was in operation these tapes had proved a great service on worsted and jute drives. The first company to manufacture driving tapes, the Barber Mfg. Co. has always maintained its position as leader in its field.

Tapes for all drives, including cotton, worsted, jute and silk.

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Marit Million Marit Mari

Statistics Show Textile Activity.

Washington. -- A tremendous revival in operations in the textile industries during the year from April, 1922, when strikes were wide-spread in New England, to April, 1923, is shown in statistics of employment and payroll, made public today by the bureau of labor statistics of the U.S. Department of

Establishments reporting to the bureau showed aggregate increases has marked the pre of employment of 52.5 per cent in months, culminating cotton goods, 57.4 per cent in woolen goods, 19.7 per cent in silk, and 26.1. per cent in dyeing and finishing textiles. Hosiery and knit goods showed an increase of only 1 per cent, while men's clothing dropped 4.3 per cent.

Increases in total payroll were even greater, as the result, presumably, of restoration of the 20 per wage cut at the end of the strike and of more steady produc-tion. The increases in payroll were: cotton, 86.9 per cent; woolen, 64.8 per cent; silk, 54.4 per cent; dyeing and finishing, 43.8 per cent; hosiery and knit goods, 8.8 per cent; men's clothing, 23.1 per cent.

By far the greater number of tex tile mills are now operating full time, according to the reports. The percentage of plants operating full time in April, 1923, is as follows: cotton, 98; woolen, 96; silk, 91; carpets, 93; hosiery and knit goods, 88; dyeing and finishing, 91; men's clothing, 87; women's clothing, 67; shirts and collars, 95; millinery and lace goods, 80.

Only slight employment changes between March and April, 1923, were shown in any of the fextile industries, showing a degree of sta-bility at the present level. Woolen goods employed 1 per cent more workers, while the other textile lines showed increases or decreases of less than 1 per cent.

Men's clothing employed 6.7 per cent fewer workers, women's clothing 3.4 per cent fewer, millinery and lace goods, 1.4 per cent fewer, and shirts and collars 0.3 per cent more.

Changes in per capita earnings between March and April ranged from an increase of 3.4 per cent cotton mills to a decrease of 11.5 per cent in women's clothing. Other increases were: hosiery, 2.1 per cent; shirts and collars, 1 per cent; woolen, 0.7 per cent; silk, 0.5 per cent; dyeing and finishing, 0.1 per cent. Other decreases were: carpets, 2.2 per cent; millinery lace goods, 3.2 per cent; men's clothing, 5.7 per cent.

Increases in wages were reported all the textile and apparel industries reporting, as follows: Cotton goods, 76 increases, 5 to 20 per cent; woolen goods, 28, 5 to 25 per cent; carpets, 5, 5 to 20 per cent; men's clothing, 4, \$2.50 a week to 12½ per cent; women's clothing, 4, 5 to 10 per cent; dyeing and finishing, 4, 10 to 12½ per cent; hosiery and knit goods, 15, 2 to 25 per cent; millinery and lace goods, 3.2 per cent; shirts and collars, 1, 10 per cent; silk, 17, up to 25 per cent.

For the 43 industries covered by the bureau's survey, employment to the ho increased 0.5 per cent from March his death.

to April, total wages 1.4 per cent: and average weekly earnings 0.9 The survey covers 5.651 establishments employing 2,139,053 workers, whose total payroll in one week amounted to \$55,353,080.

The latest monthly survey earnings, employment and hours by the National Industrial Conference Board, covering over 600,000 wage earners in 23 industries, shows strikingly the continued effect of the upward wage movement which preceding eight in general wage increases in March. A sharp advance in hourly earnings place between February and March, 1923. Employment and working hours gained steadily, while real earnings tended to remain stationary because of a simultaneous increase in living costs.

Average hourly earnings advanced to 51.2 cents in March, a gain of two points over February 109 per cent over the July. and cent over the July, 1914, Skilled labor showed greatest increase among the classes.

Average weekly earnings in March were \$25.62, a gain of three points over February and 104 per cent over July, 1914. Male skilled labor advanced six points as against four for unskilled labor and three for women.

"Real" earnings, or the purchasing power of hourly and weekly earnings, showed no advance in this month, real hourly earnings remaining at 31 per cent above the July. 1914, level and real weekly earnings 28 per cent above the pre-war level. The gain in real weekly earnings since July, 1922, was, however, twice that in real hourly earnings, indi-cating the effect of fuller employ-ment on the economic status of wage earners.

Employment continued to gain steadily, showing an increase of per cent in nine months and of 33 per cent above the pre-war level. The average week per wage earner

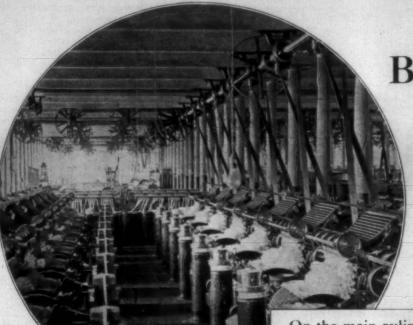
Henry Woodland Dead.

Henry Woodland, secretary and treasurer of the Allis-Chalmers Manufacturing Company, died suddenly at his home in Milwaukee on Monday, May 14th.

Born in Utica, N. Y., Mr. Woodland at an early age became connected with the New York Air Brake Company of Chicago. Later he was treasurer of the Gates Iron Works of Chicago. When in 1901, company was taken over in the consolidation which formed the Allis-Chalmers Company, he became assistant treasurer of the new organization and afterward its treasurer. In 1916, he was elected secretary and treasurer of the com-

At the time of his death, he was also vice-president and a director of the Hanna Engineering Company of Chicago.

A man of striking personality, keen judgment and extraordinary business sagacity, it was, however, Mr. Woodland's kindly, genial nature, his quick sympathy and warm friendliness which so endeared him to the host of friends who mourn



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On the main cylinder and licker in of cotton cards, Hyatt bearings are of particular advantage because they lessen the starting load about 25%.

As the size of motor to drive a card is determined entirely by the effort required to start the card and to accelerate it to full speed, the use of Hyatt roller bearings makes possible smaller motors, smaller controlling devices, lighter wiring connections and of course results in a continuous saving of power.

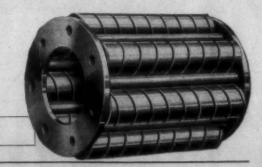
If these reductions in size of motor and amount of power were the only advantages of Hyatt bearings for cards they would be well worthwhile. In addition however, these bearings improve card operation by maintaining close limits between the cylinder and flat clothing for years without bearing adjustment or replacement. The bearings require lubrication only three to four times a year and do not leak lubricant to stain the cotton or spoil the card clothing.

You will find it a good investment therefore to specify Hyatt bearings for your new cards (cost about 2% extra) and to have Hyatt bearing replacement boxes applied to your present cards at about 4% of the cost of the card. Write to us for complete information.

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Use Hyatt Bearings
On Your Line Shafting
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SOUTHERN TILE BULLET

Published Every Thursday by CLARK PUBLISHING COMPANY

Offices: 39-41 S. Church St., Charlotte, N.1C.

DAVID CLARKManaging	g Editor
D. H. HILL, JRAssociate	e Editor
JACK W. COCHRAN Business	Manage

SUBSCRIPTION

Other Countries in Postal Union.

Contributions on subjects pertaining to cotton, its manufacture and distribution, requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

ADVERTISING

Advertising rates furnished upon application.

Address all communications and make all drafts, checks and money orders payable to Clark Publishing Company, Charlotte, N. C.

THURSDAY, MAY 24, 1923.

The Cotton Situation.

this time is to assume that the reduced exports of cotton represent a correspondingly reduced foreign consumption.

European mills are allowing their stocks to become greatly reduced and in the hopes of getting cheaper cotton are postponing the inevitable hands on May 1st. day when they must buy American cotton and buy heavily.

April 30th marked the end of the third quarter of the fiscal year and rate as English and European stocks we wish to call the attention of our are very low. readers to the disappearance statis-

Carryover	in U	. S.	Aug.	1.	
1922					2,828,00
1922 cotto	n cro	p			9,730,00

Imports 425,000 Total supply12,983,000 Exported to May 1.4,012,000 Consumed by American mills to May

Supply remaining in U.S.

the Census Bureau this supply was on May 1st distributed as follows: Held by Southern mills....1,078,000 Held by Northern mills.... 811,000 In public storage..... . 1,968,000 Held in small towns or by

farmers Total4,016,000

April consumption Based upon these figures show that Southern mills have on hand an average of three months supply while New England mills have an average of almost four months requirements.

It might seem that this would leave the American mills in a very safe position but we must take into consideration the fact that new crop cotton will be available only in small quantities before Oct. 1st and almost without exception mills

will seek old crop cotton rather than spin new cotton as soon as it A great mistake being made at is ginned. Southern mills will require almost 800,000 bales from the present supply in order to keep in operation during September and The truth is that English and other 400,000 bales, making a total uropean mills are allowing their of 1,200,000 bales that must be tafrom the 2,127,000 that were in public storage or in the farmers

> While the exports were only 262,-000 bales during April they can not he expected to continue at that low

Even at the rate of 262,000 bales er month it would require more a million bales to meet the export requirement to September m., of the main advisory committee and according to the above figures will not be a million bales the textile industry. there available.

With confidence shaken we do not look for a very active business in cotton goods and yarns but we are unable to see an adequate supply of cotton and expect to see a peculiar situation before new crop 8,867,000 cotton is available in large quanti-

Run Everything.

The United States Department of Agriculture has been trying to regulate the price of farm products and the Department of Commerce has sought to regulate sugar and 159,000 other commodities.

According to the following press dispatch the Secretary of Labor feels that he should take a hand in regulating the laws of the several

Aurora, Ill., May 19.—Secretary of Labor Davis today announced that the Governors of every State in the Union would be invited to Mooseheart, Ills. during the week of June 24 "to participate in the Governor's round table conference on child labor. as this is vitally important in view of the recent supreme court decision holding the child labor law of the District of -Columbia unconstitutional."

Each Governor will be asked to attend in person and to send two delegates, one of the objects being to formulate a uniform child labor law and to urge its adoption by those States where there is no such law on the statute books.

South Carolina has a law that does not permit divorce but no one heard South Carolina people has trying to force that law on other States. North Carolina has a death penalty for both rape and burglary but it does not urge its standards upon other States.

The United States covers a vast area and there is a marked difference, not only in the climatic conditions but in the character of the population of the several States and there is no reason for standard

The people of each State are ca pable of making their own laws and they reserved that right when they formed the United States.

Secretary Davis would gather together a bunch of agitators at Mooseheart, Ill. (a famous summer resort), and frame laws for adoption by the State Legislatures.

What Secretary Davis really wants is the transfer of the powers from the States to his department which would mean increased power influence for the Department and of Labor not to mention a large increase in patronage through employment of labor inspectors.

Call Conference on Textile Standards.

Washington.-In order to formulate a program for the work of the textile section of the Bureau of Standards, a call was issued today for a meeting on June 1, at 9:30 a. on research and standardization for

This committee, which represents the main divisions of the industry, has been in the process of organization for a year, having held meetings in April and September, 1922, but has just been perfected through appointment of a representative of the cotton manufacturers.

There is expected at the June 1 meeting, the chairmen of all the 4,016,000 Washington Politicians Trying to advisory committees of the textile section of the bureau, and a representative from each of the major associations of the industry, the number to be confined to 15 or 20.

The purpose of the meeting involves the discussion of the development and progress of a number of subjects. Among the subjects to be discussed will be ways and mous army many times over. The mous army many times over. result has been that Government merchandise has been hanging over the market ever since the war and has acted as a restraining influence on the trade. In good seasons it seems as though there were not enough merchandise to go round, one ever suffers from inability to obtain underwear through the retail store and at times stocks are abnormally large. The question varying production has been a serious problem

manufacturers from time to time with a result that in a good many instances goods decidedly different from old style underwear have been produced. Among these may mentioned, outerwear in piece goods means to review the formation of this main advisory committee; to complete the personnel of the committee; to insure the proper representation of all interests desiring research and standardization: to become acquainted with activities of all parts of the industry.

The committee will meet Dr. George K. Burgess, the new director William A. Durgin, of the bureau. chief of the division of simplified

One of the most important subjects which will be placed before the committee is consideration of action which may be taken to secure for the textile section a portion of the Textile Alliance Funds, which are available for research. Committeemen will be asked to offer suggestions along this line.

The Textile Alliance has a fund of approximately \$1,500,000 left from its work in distributing reparations dyes, which it no longer handles. The agreement was that the profits were to be devoted to research and education on textile subjects. No disposition of this fund has been made, the State Department insisting that the Alliance has no control over the specific disposition; but that the funds should be turned into the United States Treasury, and held for specific division by act of Congress.

The textile section of the Bureau of Standards is anxious to secure part of this fund, as it conducts research into textile subjects. If \$500,000 could be secured, it could be put out at interest, and would yield \$20,000 a year for the work of the section, which, during the pres ent fiscal year, has had only \$13,000 from Congress, with a similar appropriation for the fiscal year beginning July 1.

The committee also will be asked for suggestions on a more comprehensive understanding of the value standardization, and a more complete promulgation to members of the respective associations: for suggestions as to new and economical uses of textile fabrics, such as brattice cloth; development of the project of standard dyes, and Federal legislation on marking.

Mills Close.

All mills of the Gray-Separk group, with the exception of Parkdale, will close during next week, it is reported from headquarters of the firm in Gastnoia.

Southern Textile Association Will Meet at Kenilworth Inn.

The coming meeting of the Southern Textile Association to be held in Asheville. N. C., on June 22 and 23, will be held at the Kenilworth Inn, instead of at the Battery Park Hotel, as at first announced. The change was made because the Battery Park is undergoing extensive repairs. The Kenilworth Inn is an up-to-date establishment and will prove a convenient and comfortable meeting with underwear place for the association.

Personal News

become second hand in carding at the Locke Mills, Concord, N. C.

Turner Rice is now secretary of the Cherry Cotton Mills, Florence,

Joseph M. Jackson has been elected treasurer of the West Point Manufacturing Company, Landale, Ala.

W. R. James is now superintendent of the Rabell Manufacturing Company, Selma, Ala.

J. C. Platt has become superintendent of the Calhoun Yarn Mil's, Calhoun, Ga.

O. H. Hay has become superintendent of the Mandeville Mills, Carrollton, Ga.

F. B. Watson is now superintendent of the Cochran Cotton Mills, Cochran, Ga.

C. S. Foster has been appointed manager of the Dalas Hosiery Mills, Dallas, Ga.

J. P. Burton has become super-intendent of the Spalding Knitting Mills, Griffin, Ga.

J. A. Perry has been appointed secretary of the Milstead Manufac-turing Company, Milstead, Ga.

J. L. Chennell has been made superintendent of the Houston Yarn Mills, formerly the Madrid Cotton Mills, Madrid, Ala.

M. Moshiem has succeeded J. W. Jolly as superintendent of the Autauga Cotton Mills, Prattville, Ala.

M. F. Burns has succeeded W. H. Knight as president of the W. A. Handley Manufacturing Company, Roanoke, Ala.

J. R. Donaldson has been pointed superintendent of the Harmony Groce Cotton Mills, Commerce, Ga.

J. H. Papa has been appointed vice-president and general manager of the Hampton Cotton Hampton, Ga.

Charles Catlett has resigned as superintendent of the Jonesboro Manufacturing Company, Jonesboro,

Richard Hutchinson has succeeded J. Richardson as superintendent of the Dunson Mills, LaGrange, Ga.

W. H. Jones has been appointed manager of the Manchester Manufacturing Company. Manchester,

H. W. Dowling has been elected president of the Houston Yarn Mills, formerly the Madrid Cotton Mills, Madrid, Ala.

Marvin V. Carter, formerly of Millen, Ga., will learn something to his interest by writing T. W. Harvey. Banning, Ga.

B. L. Babb has become superintendent of the Jonesboro Manufacturing Company, Jonesboro, Ga.

H. H. Stewart, Jr., is superintendent of the new Kilby Cotton Mills, Montgomery, Ala.

I Caddell has resigned as superintendent of the Blue Springs Dyeing and Finishing Company, Cedartown, Ga.

Day fo Specialists



Quality Shooks-

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Therefore Solozone-processed

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They are permanently white without being weakened in the bleach, besides soft and clastic.

Bleaching advice free to mills.

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WYANDOTTE DETERGENT and that its use many times avoids the heavy cost and trouble or repainting gloss painted sur-faces, you understand why mill owners are so enthusiastic over its

Because the most careful methods of manufacture insure such uniformity to this product that every barrel will accomplish ex-actly the same results it is logical to anticipate that Wyandotte Detergent will accomplish as much Wyandotte

On this basis you can confidently place your order with your supply house for if it fails to be and do all that is claimed for it, your money will be gladly refund-

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7,200-8" three ring Darper bobbins

15,000-8" three ring Draper bobbins

6,300—8''x11%'', plain base warp bobbins 2,000—734''x11%'', plain base warp bobbins 30,000—714''x11%'' plain base warp bobbin plain base warp bobbins, 10,000 each with red, white and green tips

6,000—71/4"x1 7-16" solid single head twister bobbins

3,800—6" speeders, 71/4" x13/4", wired base

11,000-7" speeders, made to Whitin standards, 85%"x134", plain base, no bead at top, shellaced

3,300-6" speeder bobbins 1,300-10" speeders to Whitin standards, 11 11-16"x1 15-16", wired base

These are new bobbins ready for immediate shipment. They are offered subject to prior sale. Samples will be furnished upon request.

A. B. CARTER, Inc.

Southern Agent.

GASTONIA, N. C.

MILL NEWS ITEMS OF INTEREST

Elizabeth City.-The Avalon Hosiery Mills on Lawrence street, this city, are to reopen in the next two weeks, with room for 100 employ-ees and a capacity of 500 dozen pairs of hose a day. The mills have been idle for nearly three years.

Huntsville, Ala. The Lincoln Mills Company is planning the erection of an additional cotton mill here to cost at least \$2,000,000 and requiring 2,000 horse power, according to an announcement made by General Agent Altkin recently.

Additional lands for the new mill village were acquired several months ago.

Montgomery, Ala. - The Cotton Mills Products Company, a Mississippi corporation, which recently purchased a large cotton mill in Mobile, has qualified to do business in Alabama by naming D. H. Edington, of Mobile, as its statutory agent. The corporation will employ \$370,-000 in its operations in Alabama. Its main office is located in Jackson,

Opp, Ala. -C. H. Cole, general manager of the Micholas Mill, states that this new plant will manufac-ture lightweight drills and market its product through the Putnam-Hooker Company, New York. As previously noted in these cloumns, the plant will have 7,200 spindles and 190 looms. The promoters of the new enterprise are C. W. Mizell, C. H. Coll, and A. S. Douglas. The new mill will be constructed this summer and put into operation next fall.

Aberdeen, Md.—The new factory being built here by the Maryland Finishing Company is nearing completion. The construction is in the most modern approved method for the efficient dyeing, finishing and bleaching of cotton cloth. Concrete is used throughout, with steel sash, and fireproof roof. The main building first being constructed is 240x50 feet with a power house 30x30.

Andrew T. Armstrong general manager of the plant, states that he has already had several large orders offered, but has been forced to turn them away due to the unavoidable delays in buildings and machinery construction. Present plans, however, include the plant being in operation the last week in

The entire capitalization has been taken care of by local people.

Augusta, Ga. - There is practically no night work in the King, Enter-Sibley, Graniteville, Hickman and Vancluse Mills of the Augusta districts. Occasionally night shifts spin yarns to the end only, however, of keeping abreast of the other units of the manufactories. In the Spofford Mills, that is the Aiken, Bath and Langley, there is 15 per cent of night work.

McKinney, Tex. — A. Culberson, former manager of the cotton mills of Enoree and Camperdown at Greenville, S. C., has been chosen as general manager of the Texas Cotton Mill at McKinney. Mr. Culberson will succeed W. M. Mosheim, who will go immediately to Montgomery, Ala., to become general manager of a mill at that place. Both men are graduates of the Georgia Tech College.

Dallas, Tex.—The Dallas Textile Company has awarded a contract for construction of its first unit here to the Inge Construction Company. The mill will be built in the Love Field industrial district north of Dallas and will cost approximately \$1,000,000, according to L. W. Robert. Jr., member of the board of directors and head of the firm of Robert & Co., textile engineers of Atlanta, Ga., who designed the plant. Work will be started at once and contract calls for completion by October 15, and it is planned to The handle a portion of this year's crop. ers.

Huntsville, Ala. - The Huntsville Manufacturers' Association has been organized here by several of the cotton mill operators in this region, who have declared their intention of bringing their influence to bear toward the extension of the electric transmission system of the Alabama Power Company to the end that ample electric power may be unfail-ing. Leonard Aitkin, general agent of the Lincoln Mills, was elected president of the organization.

Clover, S. C .- The work of installing the machinery at the Hampshire Spinning Mill is now under way and is making satisfactory progress. There are quite a few expert mill machinery erectors with their helpers on the job and things are going along. There is a bunch of work-ers installing the heating plant or system for the big mill, and others installing the sprinkler system to protect the mill against fire, and still others are installing the humidifiers, and workers engaged in putting the finishing touches on the mill building itself, and yet with all this there are several months be-tween the present stage and the time when the mill will begin to turn the raw cotton into the finished yarn.

tion of its kind in the State. Sheeting and pillow tubing will be manufactured from the raw product.

The plant will employ 2,000 workers. The mill proper, a brick and dollar cotton mill in the course of

reinforced concrete structure, will have a total floor space of more than four acres. A two-story bleachery, a picker room and two-story office building will be of concrete.

Individual motor driven machinery and other modern eqquiqpment, including 27,000 spindles, will be installed. Trackage connecting with interurban rail lines to tap Tulsa railroads is ready for use. Charles Page, Sand Springs millionaire, holds controlling interest in the corporation. W. C. Summersby is general superintendent of the mill.

Hogansville, Ga. — The International Cotton Mills of Boston, Mass., will proceed immediately with the erection of a large new plant on property already owned by the company at Hogansville, Ga., adjoining their present fill at this point,

The new mill will probably be known as the Stark Mills and be used for the manufacture. of tire fabrics in the South and for making some of the products formerly made the Stark Mills at Manchester, H

Construction will be started immediately under the supervision of Lockwood, Greene & Co., engineers Boston, and it is hoped that the mill will be producing goods by the end of the year. The new mill will be concrete construction with about 250,000 square feet of floor space.

construction, seven miles west of Tulsa, Okla., is expected to be completed by early fall, it was announced by officials.

The mill, erected by the Sand Springs Cotton Mill Corporation, will be the second largest institu-

New Orleans—Two of the larger cotton mills in New Orleans are operating night shifts and expect continue to do so indefinitely, while a third has never done night

work and does not expect to do so. The mills of the Magnolia Textile Corporation are running 50 hours a week at night, engaged solely in the manufacture of cotton wrapping twine.

The Magnolia Mills, making osna-burgs, are running five nights a week and have orders sufficient to warrant the continuance of night work indefinitely. Only carding is done at night.

The Lane Cotton Mills, making blue denim, are not operating at night and have never done so. These mills work on a basis of 60 hours

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NEW MILL EQUIPMENT

Southern Representative

Charlotte Supply Co.

Charlotte, N. C.

double the present capacity of the 274. Walton Cotton Mills Company mill Tat Monroe, Ga., to 10,000 spindles. sho An installation of only 5,000 spindles whi will be made at present. The work requires the widening of the pres-ent mill from 100' to 150', the construction of a new weave shed and cloth room, a new opener room, doubling the present warehouse and the building of 30 or 40 cot-tages. These mills manufacture 3 and 4-leaf twills.

Spartanburg, S. C. — The annual compared with \$1,876,212 in the statement of the Pacolet Manufac-previous year. turing Company, whose equipment consists of 135,932 ring spindles and 8.845 looms, is regarded as one of the best yet made public among Southern textile plants. The com-pany's gross income for the fiscal year ended April 1, 1923, amounted to \$1,803,148 which compares with \$974,129 for the previous year. After deducting dividends, taxes and depreciation, net income amounts to \$1,001,450. Credit balance carried into the current year amounts to \$3,393,574

payable out of surplus, so that the present surplus is reduced \$1,000,000 and the common stock of the company is increased to \$3,000,000. In addition, a semi-annual cash dividend of 4 per cent was also declared on the common stock. During the past fiscal year the company paid 8 per cent on the common shares. At the end of the last calendar year the company retired all of the outstanding second preferred stock amounting to \$1,000,000 on which dividends of 7 per cent had been paid.

A comparison of the company's annual report with its six months' report as of September 30, 1922, indicates that the greater part of the company's income was derived dur-ing the latter part of the fiscal

company's balance sheet is accountable by the fact that at the end of the previous year the company had about \$1,000,000 more of finished goods on hand than at the end of the fiscal period just re-Current liabilities for the past fiscal year show a marked reduction amounting to \$1.053,604 as

Royal Mills Sold to Williamson.

The Royal Mills, of Charleston, C., have been sold to F. L. Williamson and associates of Burlington, N. C. It is said that the plant, which now has 13,000 spindles and 190 looms, will be considerably enlarged.

Shaw Cotton Mills Are Sold.

shows current assets of \$3,749,545 an addition and add new twisters of A. & M. College also made a short which compares with current as- and winders and other machinery address. which compares with current as- and winders and other machinery sets of \$4,271,884 for the previous necessary to put this plant in first-year. The decline in current assets class condition for single and ply class condition for single and ply carded yarns.

Texas Mill Meet.

Bonham, Texas.-Cotton mill men from nearly every part of Texas met here last week for the semiannual session of the Texas Textile Association. They held a business session Thursday afternoon. They were the guests of the Bonham Cotton Mills at luncheon Thursday, when a program was carried out. Musical numbers were given by Mrs. Dick Saunders, Mrs. Chester Marsdon, and a quartet composed of Messrs. Adams, Evans, Gross and Ware.

J. C. Saunders, manager of the Bonham Cotton Mills, made an address, followed by Dean Taylor, law department of the State University, who chose as his sub-ject "The Weaving of Character." The dean paid a tribute to the late A few days ago directors of the company declared a stock dividend of 50 per cent on the common stock, payable out of surplus, so that the Mills, of Weldon, N. C., and after ton College of this city, in which ton College of this city, in which this date the Audrey Spinning Mill, he declared Mr. Carlton had left Inc., will take possession of the the impress of his character on property. This mill has 10,000 spin-Bonham for all time. The speaker dies and is at present more allessed to the speaker dies and is at present more dies. dles and is at present running on also spoke lovingly of his classmate,

Monroe, Ga.—Lockwood, Greene & year. For the six months ended 40s and 50s splicing yarn. J. A. Asheley Evans, of this city. Dean Co., engineers of Atlanta and Bos. September 30, 1922, gross income, Mandeville, general manager of the Taylor was a student in Carlton Colton, are designing an extension to before dividends, amounted to \$684, Mandeville Mills, Carrollton, Ga., lege for some time. Will H. Evans Ga., lege for some time. Will H. Evans will have supervision of this plant. gave a resume of weaving from the The new company will at once build dawn of its era. Prof. J. B. Bagley

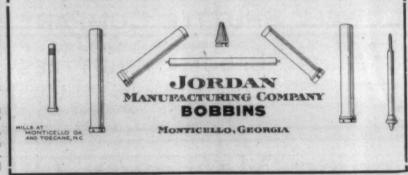
In addition to the meeting Thursday, there was one held Wednesday night, at which time various subjects peculiar to the textile industry were discussed. Also the annual election of officers was held at this time.

C. S. Tatum, superintendent of the Bonham Cotton Mill, was elected president; S. C. Cain, San Antonio, first vice-president; J. R. Compton, Gonzales, second vice-president, and Dan H. Poole, Sherman, secretary-treasurer.

The meeting was under the direction of C. S. Tatum, superintendent of the Bonham Cotton Mills. The following were among those present: Basil Gibson, C. R. Inglish, secretary Board of Trade, Bonham; Dan H. Poole, Sherman; S. C. Cain, San Antonio; G. W. Maddox, Denison; J. B. Bagley, Denison; F. H. Burdine, Itasca; J. H. Broyles, Bonham; J. R. Compton, Gonza'es: W. Cagle, Denison; D. B. Boothe, McKinney; J. E. Moak, McKinney; H. A. Baker, Bonham; P. J. Long, Bonham; S. L. Bolton, Itasca; W. B. Hollingsworth, Denison; M. C. Ford, Dallas; B. K. Thomas, Cuero; L. B. McBride, Bonham; J. O. Williams, Sherman; Oscar Bramen, Post; George C. May, Waco; W. L. Moss, Waco; H. O. Boothe, McKinney; M. T. Lance, Hillsboro; Russell A. Singleton, Atlanta, Ga.; W. S. Morton, Dallas; C. B. Brady, Sherman; A. B. Smith, Sherman; C. S. Tatum, Bonham.

British Fine Spinners Pay 121/2 Per Cent Dividend.

London.-The Fine Spinners' Association reports for the year ended March 31 last profits totalling 945,-000 pounds. A dividend of 12½ per cent is declared, comparing



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Our FAN TYPE and HIGH DUTY HUMIDIFIERS
Our VENTILATING Type of Humidifier (Taking fresh air inte
the room from outside)
Our ATOMIZERS or COMPRESSED AIR SYSTEM
Our COMPRESSED AIR CLEANING SYSTEM

OUR CONDITIONING ROOM EQUIPMENT Our AUTOMATIC HUMIDITY CONTROL (Can be applied to

systems already installed)
Our AUTOMTIC TEMPERATURE CONTROL
Are all STANDARDS OF MODERN TEXTILE MILL EQUIP.

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FRANK B. COMINS, General Manager

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WEIGHTING COMPOUNDS FOR COLORED AND WHITE WARPS. FINISHING COMPOUNDS FOR ALL CLASSES OF FABRICS.

The Arabol best grades of cotton warp sizing compounds make the 'finest weaving and will hold the fly.'

These compounds are based on the best practical experience and the best materials used in their manufacture.

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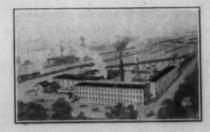


Send in Your Old Grinders to be Repaired

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B. S. ROY & SON CO., WORCESTER, MASS.

Established 1868



DAVID M. BROWN President

THE DAVID BROWN COMPANY

Lawrence, Mass.

NOTE our New Factory Additions and Improved Facilities for Manufacturing Our

"HIGH GRADE"

Bobbins, Spools and Shuttles

Correspondence Solicited

Catalog on Request

What's Wrong With the Knit Goods Industry?

(Continued from Page 15) there is food for thought in the nants and pound goods, also yarns question of whether related lines of every description." cannot be produced on which the selling force can use its energy to

was possible to secure enough knitted underwear to supply our enorand in garments, grain bags, athletic \$1,000,000. underwear, etc. Other lines may be While it underwear, etc. Other lines may be taken up from time to time as it is found to be impossible to run mills to capacity and at a profit. It is a question whether underwear manufacturers as a rule are alert enough to the signs of the times and to the development of demand to take advantage of new style tendencies. Do you manufacturers know enough about what the know enough about what the buyer is thinking to be able to sense a new tendency and to prepare accordingly? Are your selling agents giving you this information, and if not are you going to the trade themselves to learn of it first hand? In women's lines you have seen the development of woven fabrics and more particularly of late the glove silk development. These tendencies account in large measure for a falling off in your business in this quarter of the market. you doing anything to prevent further inroads upon your industry?

Minds of many manufacturers are centered too frequently upon precedents and not upon the possibility of new developments. You need the co-operation of your selling force to advise you about these things, but do not depend upon this source entirely. You should initiate, and not follow, and then you will not need to blame someone else for failure.

Providence and Maiden Mills Ordered Resold.

Newton, N. C.—Judge T. B. Finley set aside the February sale of the Providence and Maiden Cotton Mills and ordered both to be readvertised and sold at public auction some time before the July term of court. The February sale of the Providence Mill was the second sale, at which J. P. Yount, of Newton, was the purchaser at \$82,750, an advance of about \$500 over the first sale. The Maiden Mill has been sold but once, Smith Campbell, of Maiden, being the purchaser at \$40,000.

Address Wanted.

The address of Dixie Connor, formerly of Savannah, Ga., is wanted by James E. Hand, overseer carding, Consolidated Textile Corporation, Pelham, Ga.

Joseph Levye & Son.
Joseph Levye & Son send the following announcement:

"We take pleasure in announcing the consolidation of the Ralph P. Levye Textile Company, 270 North Main street, Providence, R. I., with Joseph Levye, the new concern to be known as Joseph Levye & Son, located in our new building at 240 North Main street, Providence, R. I.

"We will conduct as in the past a general converting business in cotton goods, short lengths and rem-

Advantage.

Kannapolis, N. C.—M. L. Cannon,
of Concord; L. W. Roberts, Jr., Atduction is one which involves the lanta, Ga., cotton mill construction
matter of adequate or over-supply
of merchandise. During the war it
charlotte attorney, are incorporawas possible to secure enough knittors of the Cannon-Roberts Interests, Inc., the capitalization being

> While it is indicated in the company's charter that the principal offices of the concern will be located in Kannapolis, it also is stated that as the powers of the concern under the charter are wide and varied, some of the interests of the com-pany will be in Texas as well as in North Carolina. The purposes of the incorporation, it is stated here, are not to build, at the present at any rate, any textile plants, but to promote the manufacture and sale of such plants and to establish branch offices.

> > Wanted.

Expert Indigo dyer for new dye ouse. Address "Dyer," care Southern Textile Bulletin.

Finisher of ability to handle finishing of coarse colored goods. Address "Finisher," care Southern Textile Bulletin.

Can use a man to take charge of our Brownell Twister Room. Must be experienced on these machines, and a good handler of help. Steady work. Good pay. Apply Fulton Bag & Cotton Mills, Atlanta, Ga.

To Southern Cotton Manufacturturers:

We need your help in placing the large number of Southern men who are sending their applications to us for positions as superintendents and overseers. They are men born in the South and experienced in Southern mil's; familiar with native help and working conditions. Some are unemployed, others working in minor positions and worthy of

The Charles P. Raymond Agency was established in 1906 and incorporated in 1916 and has always done business in the South well as all other textile manufacturing sections of the United States, but just now there is an unusually large number of applicants from the South and we want to hear of more positions to be filled. These men have been thoroughly investigated as to character and ability and by considering their applications you assume no obligation or expense. Yours for service,

Charles P. Raymond Agency, Inc. 294 Washington Street, Boston, Mass.

Gum Tragasol Agglutinates

the fibres of the yarn-cotton, woolen or worsted whichever it may be-and prevents waste of good materials by eliminating flyings.

Gum Tragasol is Cheaper

than either wool or cotton, therefore, its use is a distinct economy.

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Certified Public Accountants

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Phone 5117

Cocker Machine and Foundry Company Gastonia, N. C.

BUILDERS OF TEXTILE MACHINERY

Linking Warpers Linkers Balling Warpers Balling Attachments Section Beam Warpers Long Chain Beamers Short Chain Beamers Warp Splitting Machines Warp Dyeing Machines Warp Doublers and Splitters Warp Coilers Boiling Out Boxes and Warp Washing Machines Dye House Ballers.



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GREENVILLE, S. C.

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We guarantee our disinfectant to meet any government specifications. We manufacture them ourselves, and do not fill them with rosin or other cheap fillers. Get our prices. They will surprise you.

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The Largest Manufacturers of Loom Harness and Reeds in America

Loom Harness and Reeds

Slasher and Striking Combs Warps and Leice Reeds, Beamer and Dresser Hecks, Mending Eyes, Jacquard Heddles

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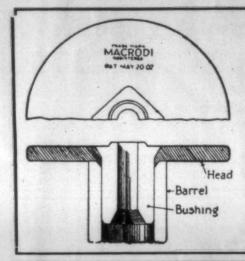
DIXON LUBRICATING SADDLE CO.



BRISTOL, RHODE ISLAND

Use Dixon Patent Stirrup Adjusting Saddles, the latest invention in Saddles for Top Rolls of Spinning Machines. Manufacturers of all kinds of Saddles, Stirrups and Levers.

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The Macrodi

FIBRE HEAD WARP SPOOL

after fourteen years of the hardest mill use has demon-strated that it is

Durable - Economical

Write for particulars of the added traverse with corre-sponding increase in yardage— an important feature of this

spool.
Prompt deliveries in two to three weeks after receipt of

MACRODI FIBRE CO. Woonsocket, Rhode Island

WENTWORTH **Double Duty Travelers**

Last Longer, Make Stronger Yarn, Run Clear, Preserve the SPINNING RING. The greatest improvement entering the Spinning room since the advent of the HIGH SPEED SPINDLE.

Manufactured only by the

National Ring Traveler Co.

Providence, R. I. 31 W. 1st St., Charlotte, N. C.



FOR SALE

Complete Equipment for Fine Damask Mill

Delivery after May 1. Attractive price will be made. Clipper Looms, Crompton Looms, fine Index double Lift Jacquards, Dobbies, Draper Looms, Winders, Beamers, Warp Splitter, Shear, Baling Press, Measuring machine, Waxing machine, Warp Sizing machine. Dryer, cans, Card Lacer and Royal Repeater, Engines, Bollers, Motor Shafting, Pulleys, Belting and accessories. Mill now in operation. Will close, owner wishes to retire.

J. A. DITTRICH

1418 Walnut Street

Philadelphía, Pa.

Manufacturers Should Look Up the Advantages of

Metallic Drawing Roll

Over the leather system before placing orders for new machinery, or if contemplating an increase in production, have them applied to their old machinery. It is applied successfully to the following carding room machinery:

Railways Sliver Lap Machines Ribbon Lap Machines Comber Draw Boxes

Detaching Roll for Combers Drawing Frames Slubbers Intermediate Frames

25 TO 33 PER CENT MORE PRODUCTION GUARANTEED

For Prices and Circular Write to

The Metallic Drawing Roll Co.

INDIAN ORCHARD, MASS.

from outside the industry the Associated Knit Underwear Manufacturers of America, in convention at Atlantic City, have secured criticisms of their trade from editors of The Journal of Commerce, "Textile Journal of Commerce, "Textile World," "Dry Goods Economist," "Daily News Record" and "Hosiery and Underwear Review.

Fluctuating quotations on merchandise were taken by one writer question, as the answer to the What is wrong with the knit un-He declared derwear business?" that the main difficulty is that the retailer and jobber are not thoroughly sold on the goods they buy, traceable to the policy of some mills through which stability of prices is lacking to the confusion of buyers. He declared that because knit underwear is harder to sell than some other commodities, many salesmen are devoting more of their attention to side lines and retailers also have an aversion to stocking knit underwear which is bulky and consumes much storage space.

He also decried, in company with other writers, the tendency of mills in excess of requireto produce ments as a direct result of the excess of machinery and equipment accumulated by the industry during the large production days of the war period. The tendency of women toward cut silk underwear he attributed to more efficient advertising on the part of producers of such merchandise.

Another writer held to the theory that "the trouble with the knit underwear industry today is that it is not yet 100 per cent alive to the fact that it must increase the demand for its product or go into the discard." He pointed out that underwear knitters have been increasing production steadily, but unlike the nainsook mills they have not provided an augmented market to consume the increase. To remedy the situation he urged intensive advertising in this country and the development of export business to absodb the overproduction.-

The lack of standard sizes, or of sizes based on measurements to fit average man, was stressed by another editor as one of the outstanding flaws in the underwear trade. He declared that some men and women have turned to cut underwear because they were unable to be fitted properly with the more closely fitting knitted garments. Another trouble, he declared, is the pessimistic attitude of many salesmen toward their business, which serves as a splendid advertisement for cut-and-sewed underwear.

Need for a dominant factor in the knit goods business such as has been developed in other textile industries, to have a stabilizing effect on the market by reason of its size, financial strength, and able to take strong merchandising stand, was also stressed as a means of improving the underwear industry. The manufacture of underwear that the wearer can wear "without knowing he has it on" was another essential rought out.

The chief difficulties in the knit

Overproduction is Underwear Evil. tion. The power to overproduce for a given demand was strikingly illus-In an effort to get suggestions trated in the vast accumulation of merchandise under the spur of war needs. This power, arising from excessive equipment, was in evidence before the war began. Because of the rather limited capital required in furnishing a complete equipment for any given demand it has been easy to add machinery and thus increase the troubles of overcompetition, which is the inevitable sequence of overproduction.

"The difficulties of regulating a possible supply to an expected or probable demand have been greatly increased by the change that has come about in recent years in the kinds of underwear wanted in con-suming channels. The growth of the nainsook underwear, in sup-planting the male use of knit goods, has had its counterpart in the amazing change in the character of la-dies' underwear. In numberless instances knit underwear supplanted by silks, very fine woven cottons, bloomers, etc.

"The knit goods manufacturer must look for ultimate relief to a mercantile authority who will direct the character, quantity and quality of the product and see that it is distributed regularly to those who will pass it on at the lowest possible cost to the consumer.

"Real relief will not come from monopolistic combination," he con-"It can come when knit tinued. underwear manufacturers present a stronger front and a more united front than they do now. Most of the manufacturers have trouble enough in common in their selling troubles so that they can well afford to turn the collective solution of them over to agents who are capable of lessening the troubles that are incident to overproduction during a period of readjustment and change in consumers' requirements.

He cited developments in other textile lines such as the grouping of plants in common financial ownership and more concentrated mercantiel control that have lessened the evils of overcompetition, pointing out that success in nearly every case has been due to excellence of the product and its distribution rather than to manufacturing efficiency in plants.

Cut throat competition was taken by another writer as the chief com-plaint against the underwear business, coupled with a fallacious practice of disregarding costs in an effort to name lower prices than competitors were quoting. He fur-ther declared that retailers should be educated out of the idea that a dollar union suit represents the prescribed price to the consumer and to institute a more varied price range.

The need for stressing the style element in underwear, for men as well as for women, was brought out one writer, who said in part: "What is the matter with the knit goods industry is 'too many styles and not enough style.' In other words, too many numbers in most manufacturers' lines that do not mean anything and not enough numbers that are distinctive. can count on the fingers of your hand almost the innovation of deunderwear trade," another editor hand almost the innovation of de-declared, "arise from overproduc- sign that have taken place in the

of merchandise this season that it did last season and the season be-We have got to have novelty. Most every knitter's experience will show that 75 per cent of his business is done on 25 per cent of the

numbers shown.

"If ever woman's style in dress favored knit underwear of the of E. I. Du Pont de Nemours & Co.; proper cut it is right now. The Percy D. Schenk, of the Duriron narrow hips are in style and tight dresses are just as good as they Several varieties of chemise both in step-ins and envelopes are salable today, if-and the involves three or four factors first, a fabric that is really good in quality but light in weight; second, a garment that is cut in such a way that it can be worn under a thin This probably involves shirtwaist. silk shoulder straps with silk bound top, as the ordinary fabric shoulder strap is very much disliked by today's woman. Third; the awkward flap at the back so prominent in the average woman's union suit mulating preliminary plans, and to should be eliminated, and can be make their arrangements regarding because of the chemise design. It their exhibits early this year. A does not go with the present style

"The knit underwear industry has never capitalized the color mo-Five or six of the new delicate shades now so popular can be just as well shown in knitted fabric as woven fabric, and the sales on garments of this nature will be mate-

rially enhanced.

"While the standardization of sizes is better than it used to be, it is far from perfect and should be

constantly harped upon. 'One of the big dangers that now confronts the industry is a trend in the return to fixed retail prices. There is no more reason for a union suit for \$1 or \$2 than there is for it selling at 96 cents. Sell the merrhandise and the price will take care of itself.

Progress With the Chemical Expositoin.

In order to secure from the various companies who will exhibit at the Ninth National Exposition of Chemical Industries, which will be held at the Grand Central Palace, New York, during the week of September 17 to 22, inclusive, the industries which they are most desirous of reaching through their exhibits, a questionnaire has been sent out the Exposition management. Based on the expressions of opinion by the majority of exhibitors, the final plans for the 1923 Exposi-tion will be laid. According to types of visitors most desired, appeals will be sent out to these industries and particular emphasis will be laid on features of the program designed to attract them to the Ex-By deliberately planning position. the appeal to interest along well defined channels, the management of the Exposition expects to bring materially larger proportions of the buying power of the chemical and equipment consuming industries than in previous years.

The advisory committee which During the past four months, the management of the National Exposition of Chemical Industries has

underwear field in the last ten been in constant touch with the years. A retail knit underwear de- aided in conducting last year's Expartment is offering the same type position, has been expanded, and in addition to the former twenty executives and technical men, includes the following members from the sales and production de-partments of the chemical and chemical equipment manufacturers: John W. Boyer, of the Mathieson Alkali Works; Dr. Charles L. Reese, Milton Kutz, of the Roessler & Hasslacher Chemical Co.; W. E. Moore, of the New Jersey Zinc Co.; T. C. Oliver, of the Chemical Construction Co.; R. Gordon Walker, of Oliver Continuous Filter Co.; William Haynes, of "Drug & Chemical Markets;" H. J. Schnell, of the "Oil Paint and Drug Reporter." some two hundred exhibitors who signed space contracts for the 1923

Exposition immediately following the close of the 1922 Exposition last September. They have been urged to co-operate with the management in every way possible to aid in fortheir exhibits early this year. A pamphlet entitled "Getting the Most Ourt of Your Exhibit at the Exposition," describing the most effective manner in cashing in on a national exposition by co-operation exhibitor's sales force and executives in conjunction with the exposition itself, was recently sent out by the management to all exhibiFor that silky, soft "kid glovey" finish on fine shirtings, sheer nainsooks, dainty organdies and voiles, on high grade ginghams and sateens, use

CREAM SOFTENER J. B.

White goods stay white and even the most delicate shades are not affected by this creamy, white softener.

A finish cannot always be judged satisfactory immediately after it is applied. Father Time, the most critical judge, often makes an adverse decision after the goods have been on the shelf a few months.

Our Cream Softener J. B. is especially adjusted and standardized to cope with atmospheric, storage and other conditions to which material is subjected after finishing.

We guarantee this softener will not cause any regrets. The first and last decision will be favorable.

Allow us to send samples. The product will prove itself.

Jacques Wolf & Company

PASSAIC. N. J.

TRADE MARK

WARP TYING MACHINES HAND KNOTTERS WARP DRAWING MACHINES **AUTOMATIC SPOOLERS HIGH SPEED WARPERS**

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BOSTON, MASS. GREENVILLE, S.C. Main Office And Factory: ROCKFORD, ILL. U.S.A



Every repeat order for parts or overhauling and repairing is but another proof of the great confidence textile executives have in us and our work.

And that the majority of the textile executives have this confidence bespeaks highly in our favor.

You should try our service and be another of those securing bigger output from the same machinery.

Southern Spindle & Flyer Co. Inc.

Charlotte, N. C.

Manufacturers, Overhaulers and Repairers of Cotton Mill Machinery

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We represent a number of excellent shippers who are destrous of selling late summer and fall options. Wire or call us collect and we will take pleasure in quoting you.

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Largest Cotton Factors in the World

CHARLOTTE, N. C. AUGUSTA ATHENS BIRMINGHAM, ALA.



BELL BROTHERS & COMPANY

Successors to BELL-SHAW CO.

Dallas, Texas

COTTON SHIPPERS AND EXPORTERS

Branches—Houston, Brownwood, Sweetwater, Corelcana, Stamford, Texas and Oklahoma City and Hobart, Okla.

Cotton Notes

553,000 Bales.

Washington.-The production of cotton in Brazil in 1922-1923 is esti- Textiles Paying \$10,264,000 to Rails mated at 553,000 bales of 278 pounds

Annually. net, according to information just timated production of 1921-1922, and ing to the Interstate ing from seven-eighths to one and at 1923 rates. three-quarters inches in length of staple.

In connection with cotton culture in Brazil, the report received by the terests of foreign spinners in Braplace, the Brazilian people, the report points out, need far more cot- is given by the common for their own use, and its need tiles at 878,375 tons. will be extended with the growth in population.

In the next place, there is every upon the return of prosperity of European countries. While Brazil is somewhat backward in the devel-

Brazil's Cotton Crop To Be About very appreciative of the importance of accurate studies of problems confronting the industry.

received by the Department of The extile industry of the coun-Agriculture. This is said to be try contributes \$10,264,000 a year to about 10 per cent less than the est he railroads of the country, accord-Commerce about 70 per cent more than that Commission, which today made of the five-year average, 1909-1913. public a statement of the estimated There are over a dozen principal freight revenue of class one rail-varieties of Brazilian cotton, rang-roads on the basis of 1922 tonnage,

The total textile tonnage carried per year, according to the commission's estimate, is 2,028,615 tons, which includes the tonnage receivdepartment states that there is no ed from connecting carriers. The need for alarm because of the in- aggregate tons reported as originating, excluding duplications reprezilian cotton culture. In the first sented in the total tons carried, except those resulting from rebilling, is given by the commission for tex-

The commission says in its statement that the revenue per ton of textiles for the United States as one probability for an increased demand syste mis \$11.69, while by the infor cotton throughout the world dividual railroad it is \$5.06. The upon the return of prosperity of revenue per car of textiles for the United States as one system is given at \$136.96, while the revenue per opment of her agriculture, the cot- car by the individual railway on ton growers there are generally textiles is \$60.83.

LOUIS WOODS, JR., & COMPANY Cotton Merchants

All Kinds of Raw Cotton, Low Grades Especially
Types and Samples Sent on Request
Phones: Main 5417—7705
Political Politics of Raw Cotton, Low Grades Especially Postal L. D.

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WARWICK-AIKEN & COMPANY COTTON

MISSISSIPPI, ARKANSAS, TENNESSEE COTTON OF SUPERIOR QUALITY MEMPHIS, TENNESSEE

ROBERTS, CARTER & COMPANY

Shippers of Arkansas, Mississippi and Tennessee Cottons Ask your broker for ROBERTS Cotton, it pays MEMPHIS, TENN.

W. J. BRITTON & CO.

RIVERS, BENDERS and STAPLE COTTON

104 & Front St.

Memphis, Tenn., U. S. A.

BARNWELL & COMPANY Staple Cotton MISSISSIPPI and ARKANSAS

Been Making Satisfactory Shipments Since 1886 MEMPHIS, TENN.

Cloth Consumption Figures Must Be Cotton Spinning Last Month Less Nationwide To Be Effective.

(Continued from Page 7)

volved in getting such information. In order to get our special industrial reports started at once, we have limited our data on stocks for the time being to those held by the We hope later on to manufacturer. enlarge our reports and include stocks held by wholesalers and retailers,"

Another Southern Opinion.

Considerable skepticism in the Government's ability to collect the kind of data suggested by John Lawrence rapidly enough and impatience with some of the Government's present attempts in other fields, are both reflected in the following letter from a prominent disclosed:

"If the end that Mr. Lawrence suggests could be attained and have the hearty co-operation of all parties, I have no doubt but that it would be of some value to the or an average of 295 hours per spintrade. However, my observation up dle in place, compared with 5,116, to this time does not encourage the 534,762, or 314 hours per spindle in expectation that this kind of data collected by the Government would result differently from the various and sundry other data they have been compiling, much of which is of no earthly value to anyone, and yet necessitates a multiplicity of various and sundry reports that are quite burdensome upon the industries who have to furnish them. If they would eliminate about three-fourths of the worthless data they are now attempting to compile and concentrate upon a few important subjects, such as the production and consumption of cotton and cotton goods, etc., thereby considerably reducing the amount of clerical force employed, as well as saving expense and annoyance—both to the Government an dthe industries -I think it would be a very fine idea."-Daily News Record.

Washington, May 21.—Cotton spinning showed decreased activity in as compared with March, a reduction of 743,500,000 active spindle hours being indicated today by the Census Bureau's monthly Active spindle hours during April totalled 8,787,443,897, or an average of 236 hours for each spin-dle in place, compared with 9,531,-002,951 or an average of 255 in Marc hthis year and 6,642,139,932 or an average of 180, in April last year.

Spinning spindles in place April 30 numbered 37,287,265, of which 35,515,791 were operated at some time during the month, compared with 37,307,713 and 35,599,518 for March and 36,874,309 and 31,389,695 April last year.

The average number of spindles Southern cotton manufacturer, who operated during April numbered does not care to have his identity 40,759,979, or at 109.3 per cent capacity on a single shift basis; compared with 30,389,029, or 108.3 per cent capacity during March.
Statistics for cotton growing

States follow:

March.

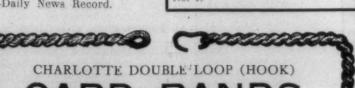
Spinning spindles in place April totalled 16,326,745, of which 16,-072,152 were operated at some time during the month, compared with 16,313,156 and 16,065,554 for March.

Address Wanted.

Anyone knowing the address of W. Heritege will please write Roland, Box No. 413, Lavonia, Ga. It will be to Mr. Heritege's interest to write us.

Wanted.

Experienced or partly experienced operator for newly installed Barber & Colman Warp Drawing Machine on Gingham Warps. Apply O. O. Keesler, Boss Weaver, Highland Park Mfg. Co., Mill



BEST BY TEST

Also Spinning, Spooling and Twisting Bands When ordering card bands state make of card and size of doffer. With this information we guarantee correct fit, both diameter and length, of any band for any make of

SOUTHERN TEXTILE BANDING MILL Charlotte, N. C.

AMERICAN TEXTILE BANDING CO., Inc

Manufacturer

Spindle Tape Bandings



Bolfield Ave. and Wister St., Germantown, Phila., Pa.



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Shippers—COTTON—Exporters Selecting Benders and Staples a Specialty BUYING AGENCIES THROUGHOUT THE DELTA (Cable Address: Branch Offices: Clarksdale

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W. H. WILLEY, Vice-President NORMAN MONAGHAN, Secy-Treas.

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MEMPHIS - TENN.

Mississippi Delta Cotton our Specialty

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Mississippi Delta Staples Home Office Memphis, Tennessee

W. J. DAVIS & COMPANY Cotton for Spinners Knoxville, Tenn. Jackson, Miss. New Orleans, La.

LAMAR SELLERS & CO. Clarksdale, Miss.

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Experienced Handlers of Low Grade Staples
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Staples and Benders Clarksdale, Miss.



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LESSER-GOLDMAN COTTON COMPANY

P. H. PARTRIDGE, Agent, Charlotte, N. C.

Extra staples, and good 1 1-16 and 1 1-8 cotton from Arkansas, Oklahoma, and Texas, and Memphis territory.

Full 1" to commercial 1 1-8" cottons are extremely scarce, can be now had only at wide premiums and shortly may be unattainable.

It will be worth the while of mills using these lengths to consider what they will do to supplement this shortage.

We suggest the purchase 1 3-16" cottons by those who can use them, for they are still plentiful and very cheap.

coker cotton company,

S. B. TANNER, JR. Local Phone 821

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MOREHEAD JONES

Long Distance Phone 9998

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CHARLOTTE, N. C.

NEWBURGER COTTON CO. Memphis, Tenn.

Representing WILLIAMSON, INMAN & STRIBLING Atlanta, Ga.

Stewart Brothers. Cotton Co. of New Orleans, La. Cotton Merchants STAPLES A SPECIALTY

Charlotte, N. C. Greenville, S. C. William and York Wilson Charlotte, N. C. Rock Hill, S. C.

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Cotton Goods

prices in first hands. The light deman dhas resulted in an increased 64x60s. tendency to follo wthe prices of the July and August deliveries. It is on ginghams, sheetings and wash made bids. goods is reported as being very. The Fall light.

checked by the unfavorable weath-Jobbers are proceeding cautiously, showing very little inclination to anticipate their probable will operate on a part time basis needs on domestics for the fall until conditions are better. The light demand for finished goods is causing converters to buy very little at this time.

squares were made at 10 cents sec- at 8 5-8. ond hands, and 10 14 cents can be done in first hands. Sales of 6.15s as follows were made at 7 1-4 cents. For Print clo 5.50s 8 cents can be done in several cents; 64x6 places. These prices are stated by manufacturers to be under the cost

Wide sateens for the auto trade are quoted at 55 cent sa pound, hams, 21 1-2 cents and 24 cents drills at 54 cents and moleskins at

Combed goods are very quiet and prices are irregular. Mill sales re- The Canary Islands imported ported included hard twist voiles at \$235.120 worth of cotton goods in 15 3-4 cents and 16 cents for spots, 1920, which is a very substantial 30-inch 88x80s lawns at 11 3-4 cents, and 96x92s lawns at 18 cents.

some agents would listen to bids of tomary.

York.—The cotton goods 9 3-4 cents from selected buyers for markets were quiet last week, with late deliveries. There were some considerable irregularity noted in small lot sales of narrow goods on a basis of 7 1-8 cents for 27-inch

Light weight sheetings were askspeculative markets. As the week ed for, but at prices most traders closed, denim prices were on a bapassed. Sales of 40 square 6.15s sis of 23 cents for 2.20s for June, were reported at 7 1-4 cents, while mills ask a minimum of 7 3-8 cents. thought that new prices will be Some bids on 5.50s and 5-yards at made on some of the other lines of quoted prices we re turned down, colored goods and that a better deprobably because of the reputation mand will result. The market for of the buyer, Offers to buy under bleached goods and percales con-current quotations were declined tinued rather quiet. New business when more desirable customers

The Fall River print cloth market was dull for the week, with the White goods and wash fabrics estimated sales placed at 30,000 business in retail channels has been pieces, which includes all unlisted styles. Curtailment is on the increase and it is expected that a number of additional corporations

There was some trading in 38 1-2inch numbers, especially 44x40. 8.20, at 7 cents, a fair volume of this Sheetings are very low priced number figured in the light trading and are not moving in any sizable of the week. Some activity was way. Sales of 4-yard 37-inch 48 a'so noted in 38 1-2-inch, 56x44; 6.85,

Cotton goods prices were quoted

Print cloths. 28-inch, 64x64s, 7 5-8 cents; 64x60s, 7 3-8 cents; 38 1-2-inch 64x64s, 10 1-4 cents; brown sheetings. Southern standards, 16 cents: of production, yet sales are not tickings, 8-ounce, 30 cents; denims, made easily. 2.20s, 23 cents; staple ginghams, 19 cents; prints 11 cents; dress ging-

> Canary Islands Favor American Cotton Goods.

increase over the total of \$22,331 in 1914. Direct importation on a small Print cloths were sold in 1,000 and scale by a very large number of re-2,000-piece lots. Spots of 38 1-2-inch tail dealers through the medium of 64x60s sold for 10 cents, while fu- commission agents is the usual tures were available at 9 7-8 cents method of conducting business, Conon a firm bid. They were not gen-sul Frank Anderson Henry reports, erally offered. It was stated that Thirty to sixty days credits are cus-

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The Yarn Market

Philadelphia, Pa. — The market for cotton yarns remained dull and quiet last week. Very little interest was shown in any quarter of the market and no sales of importance were reported. Manufacturers are inclined to take yarns only in a handto-mouth manner, buying what they have to have in order to complete existing contracts. Practically no future business was placed, the sales made being confined almost entirely to small lots for prompt shipment. The continued irregularity of the cotton market has left buyers in a waiting attitude. They are not disposed to act until conditions are more settled and they can get a better idea of what future prices will be.

Prices are purely nominal and show great irregularity. Many spinners have orders on hand to keep them busy for some time to come and are not willing to name lower prices at this time, while others who are in more urgent need of business are willing to offer their yarns at lower figures.

Orders received during the week averaged from 1,000 to 5,000 pounds, according to reports from some yarn. A few sellers reported a small amount of export business, but generally the foreign trade situation is very quiet.

It is impossible to quote accurate

It is impossible to quote accurate prices under the present situation. There is no definite market price at this time and quoted figures must be regarded purely as approximate values.

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values.		
Combed Peeler Skein.	Etc.	
2-ply 30s		a
2-ply 36s		3
2-ply 40s		a
2-ply 508		a
2-ply 60s	90	80
2-ply 70s	1.00	
2-ply 80s	1.1	5a
Combed Peeler Comb		
108	46	a
128		a
148	48	8
168		a
18s		a51
208		a
228		a
248		8
26s	55	a.56
288	57	a
308	60	a
328		a
348	66	a
36s		a
408		a
508	80	a
60s	90	2
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20s, 2-ply	en en	a
22s, 2-ply		a
24s, 2-ply	60	a
30s. 2-ply		a
36s, 2-ply		a
40s, 2-ply	74	a
45s, 2-ply		8
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Carded Cones.		
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Two Ply Chain Warps

Two-Ply Skeins

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9	PAR.	Tinged Insulating Yarns.	1	
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	88.	2, 3 and 4-ply	_38	a
	10s,	1-ply and 2-ply	_39	a
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ı		2-ply		a
ø	268.	2-ply	-52	8
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Some

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A-1 designer wants a position by July 1. Eight years' experi-ence on all kinds of work. Would consider combination job. Best of Designer, reference. Address care Southern Textile Bulletin.

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Account

Woman's Missionary Union, Auxiliary to Baptist States Convention of North Carolina, March 27th-29th. Tickets for the going journey sold March 23-29, inclusive, certificates validated March 29th, honored until April 2, 1923.

> J. F. DALTON, General Passenger Agent, Norfolk, Va.

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Wanted.

Musicians for Cotton Mill Band. Fine location and good Cotton Mill first-class Band, with Bruce Mc-Quade as director and instructor. A good chance for amateur musicians to advance themselves. Address "Musicians," care Southern Textile Bulletin.

Band Master.

Wanted - Permanent location by well-known Bandmaster, with years of experience with Bands, Bugle, and Drum Corps, and Orchestras, past six years Band-master South's largest Textile Wish to organize Band 40 Band. to 60, Drum and Bugle Corps 30 to 40 members among the male and female workers of the mill, and the children. Want to locate in a good mill town where work and effort will be appreciated. Address Bandmaster, care Southern Textile Bulletin. Charlotte.

For Sale.

Spinning and hosiery mill, 2,500 spindles, 137 knitting machines and all other machinery and equipment necessary for plete plant. Tenant houses and land for any expansion. Located in a good North Carolina town with abundant water supply and other improvements. Address L. M. Gould, Zebulon, N. C.

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The fee for joining our employment bursau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month. If the applicant is a subscriber to the Southern Textile Builetin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership

fee is only \$1.00.

During the three months' membership we send the applicant notices of all vacancies in the position which he desires. We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern Textile Industry.

WANT position as overseer weaving. Familiar with variety of weaves and can furnish excellent references. Ad-dress No. 3805.

WANT position as superintendent, over-seer weaving. Thoroughly_ trained in all departments of mill, I. C. S. grad-uate. Understand jacquard weaving. Age 30, married, no bad habits. Good references. Address No. 3806.

WANT position as overseer spinning or as assistant superintendent by man who can get results, either yarn or weave mill. Best of references. Address No.

WANT position as overseer spinning. Age 37, 12 years as overseer. First class references. Address No. 3808.

WANT position as superintendent, or overseer large card or spinning room. High class man, experienced and prac-tical, references to show good past rec-ord. Address No. 3809.

WANT position as superintendent of large yarn mill. Have been overseer and superintendent in some of best yarn mills in North Carolina. Have fine record as to quality and quantity at low cost. Address No. 3810.

WANT position as carder or spinner or both. Capable of handling large room in first class man. Long experience, fine references. Address No. 3811.

WANT position as carder or spinner. Ex-perineced mill man, now running card room at night, but want day job. Good references as to character and ability. Address No. 3812.

WANT position as superintendent. Practical man of long experience and ability to get good results. Now employed as superintendent. Good references. Address No. 3813.

WANT position as master mechanic. Have had 24 years experience in cotton mill shops both steam and electric drive. References. Address No. 3813-A.

WANT position as overseer weaving on Draper looms, plain white goods pre-ferred. Now employed, but desire better job. Good references from good mill men as to character and ability. Address No. 3815.

WANT position as overseer carding. Good man, now employed, but wish better position. First class references showing good past record. Address No. 3816.

WANT position as superintendent of yarn or weave mill. Long experience in carding, spinning and weaving, and winding. Can get quantity and quality production at lowest cost. Age 39, good character and references. Address No. 3817.

WANT position as superintendent, Practical manufacturer of ability and experience. Good manager of help. Fine references. Address No. 3818.

WANT position as overseer weaving. First cuass weaver in every respect, sober, reliable and hard worker. Experienced on wide variety of goods. Good references. Address No. 3819.

WANT position as superintendent or manager of yarn or cloth mill in the Carolinas. Now general superintendent of large mill, have held job satisfactorily for three years but have good reasons for wanting to change. Good references. Address No. 3821.

WANT position as superintendent, over-seer carding or assistant superinten-dent on yarn or plain cloth mill. High class, reliable man, good manager of help. A-1 references. Address No.

WANT position as overseer weaving. Strictly high class man of good charac-ter; long experience in weaving, best of references. Address No. 3825.

WANT position as superintendent, or carder or spinner. Now employed as spinner in mill on fine yarns and am giving entire satisfaction, but want larger place. Good references. Address larger pla No. 3824.

WANT position as superintendent, carder or spinner. Practical man of long ex-perience in good mills. Fine refer-ences. Address No. 3825.

WANT position as master mechanic. Now employed, but want larger job. Many years experience as mechanic, steam and electric drive. Excellent ences. Address No. 3826.

WANT position as superintendent or traveling salesman. Experienced mill man and can give excellent references. Address No. 3827.

WANT position as superintendent. Have held position as such in some of the best mills in South and give satisfac-tory references to any mill needing first class man. Address No. 3827.

WANT position as master mechanic. Long experience in mill machine shop, fully competent to handle large job. Fine references. Address No. 3829.

WANT position as overseer carding or spinning, or superintendent. Practical man who has had many years experi-ence as superintendent and overseer and can get satisfactory results. Best of references. Address No. 3821.

WANT position as superintendent of yarn mill or carder or spinner. Thoroughly familiar with these departments and am well qualified to handle either a room or a mill. Good references as to character and ability. Address No. 3832.

WANT position as superintendent of mill in North Carolina making yarns or print cloths. Now employed as superintendent of 27,000 spindle mill making 30s hosiery yarn and 64x60s print cloth. Am giving satisfaction but have good reason for making change. Best of references. Address No. 3833.

WANT position as superintendent or overseer carding. Long experience as both and can get good production at low cost. Would like to correspond with mill needing high class man. Ad-dress No. 3834.

WANT position as overseer of carding. Good worker of long experience in num-ber of good mills. First class refer-ences to show past record. Address No. 3835.

WANT position as superintendent of overseer carding and spinning. Now employed, but wish larger place. Com-petent, reliable man who can give satis-faction in every way. Good references Address No. 3836.

WANT position as superintendent or manager. Have had long experience as superintendent and am high class man in every respect. Can handle mill on any class of goods made in South. Want to correspond with mill needing high class executive. Excellent references from reliable mill men. Address No. 3837.

WANT position as overseer weaving. Practical weaver who can get big pro-duction at the right cost. Fine refer-ences. Address No. 3838.

WANT position as overseer weaving. Can handle any fabric made in South. Have had over 27 years experience from loom fixer to overseer weaving and was promoted steadily by one of largest mills in the South. Married, have family, religious worker, good manager of help. Can give excellent list of references. Address No. 3839.

WANT position as superintendent, prefer South Carolina or Georgia. Now employed as assistant superintendent and weaver and am giving entire satisfaction. Have good reasons for wishing to change. Excellent references. Address No. 3840.

WANT position as overseer weaving, pre-fer job of fancies. Have been weaver for past 10 years with one of the finest mills in the South. Excellent refer-ences to show a fine record. Address No. 3841.

WANT position as superintendent, yarn mill preferred. High class man who is well trained and has had long experi-ence. Best of references. Address No.

WANT position as superintendent. Now employed as such, but want better job. Good weaver as well as substandent

and get operate weave mill on very satisfactory basis. Address No. 3843.

WANT position as superintendent, carder or spinner. Now employed as superin-tendent. Long experience as both over-seer and superintendent and can get satisfactory results. Address No. 1844

WANT position as overseer carding. Have had long experience and can furnish best of references from past and present employers. Address No. 3852.

WANT position as overseer weaving. Experienced in wide variety of fabrics and can give satisfaction. Now employed. Best of references. Address No. 3853.

WANT position as dyrer, 12 years experience on long and short chain work, raw stock, beam and Franklin machines. Can handle any size jobs on cotton. Good references and can come on short notice. Address No. 3854.

WANT position as overseer carding. Ex-perienced an dreliable man who can handle your room on efficient and satis-factory basis. Good references. Ad-dress No. 3855.

WANT position as superintendent of medium sized mill or weaver in large mill, white or colored goods; 20 years as overseer weaving, slashing and beaming in number of South's best mills. Have held present place for nine years and am giving entire satisfaction. Address No. 3856.

WANT position as superintendent of plain or fancy goods mill, would con-sider offer of medium size mill at rea-sonable salary. Thoroughly conversart with all departments. Address No. 3857.

WANT position as superintendent of yarn or cloth mill, ginghams preferred; age 40, have family; 22 years experience, 8 years as carder and spinner and assistant superintendent; have held last position as superintendent for 7 1-2 years. N. mill preferred. Good references. Address No. 3858.

WANT position as overseer weaving or superintendent. Long experience in good mills and can get good results. Best of references. Address No. 3859. WANT position as overseer carding; age 33, married, 14 years in carding; 5 years as overseer. Now employed but have good reasons for wishing to change. Address No. 3860.

WANT position as superintendent of weaving mill, or would take overseen weaving in large mill on plain or fancy goods. Now employed in good plant and can give good references. Fine recording good mills. Address No. 3861.

WANT position as overseer spinning, 17 years in spinning room, now employed as second hand in 35,000 spindle room age 28, married, sober, reliable and church member. Good references. Address No. 3862.

WANT position as overseer apinning, snooling or twisting. Age 29. married. 10 years on spinning. Can furnish good reference. Address No. 3863.
WANT position as carder or spinner, or both. Age 53, married, practical carder and spinner and can furnish fine references as to character and ability. Address No. 3864.

WANT position as overseer spinning, or carding and spinning, can give good ref-erences as to character and ablity, strictly soher now employed but have good reasons for wishing to change. Ad-dress No. 3865.

WANT position as overseer cloth room experienced on drills and sheetings; also colored goods. Can give A1 references Address No. 3867.

WANT position as carder or spinner, or both. Experienced and reliable man, who can produce good results. Good references. Address No. 3868.

WANT position as superintendent, now employed as such, but wish to change; 4 years in present place, 8 years as carder and spinner or both warp and hosiery yarns, 5 years as spinner, been in mill over 25 years, thoroughly understand all processes from picker room to winding and twisting. Good knowledge of steam and electricity. Address No. 3869.

WANT position as overseer spinner, at \$30 weekly or more, now employed in good mill, practical and experienced man. Best of references. Address No. 3870.

WANT position as superintendent or weaver; long practical experience, and can produce quality and quantity pro-duction. Address No. 3871.

WANT position as overseer weaving; 12 years on heavy duck, 14 years as overseer on sheetings, drill, osbaurgs, grain bag, tubing and rope machines; am 48. Can change on short notice. Good references. Address No. 3872.

WANT position as overseer weaving perienced on large variety of goods can handle room on efficient basis, dress No. 3873.

WANT position as superintendent of small mill, or weaver in large plant; now em-ployed as overseer stashing, warping and drawing-in on 360 Draper looms. Good references. Address No. 3874.

WANT position as superintendent, yarn or weave mill. Now employed, but wish larger place Excellent past record. Good references. Address No. 3875.

WANT position as agent superintendent or manager of Southern mill on white work. Would be interested in buying s tock. Can furnish best of references and can show results. Address No.

WANT position as overseer weaving, now running 800 looms and giving satisfac-tion; familiar with colored checks, cham-brays, many other lines; age 39, mar-ried, good references. Address No. 3877.

WANT position as overseer weaving; age 29, married, I. C. A. graduate, experienced on plain and fine work including all kinds of cotton towels and specialties. Good references. Address No. 3270

WANT position as superintendent; 28 years experience in mill, have held present place as superintendent for 8 years, have good reasons for wanting to change. Best of references. Address Change. No. 3880.

WANT position as supt. of yarn mil, carder and spinner. Now employed carder. Can furnish good references show my record. Address No. 3881.

WANT position as carder in large mill, or supt, of small yarn mill; 20 years as carder and spinned; mostly in carding and assistant supt. Now employed as carder and assistant supt. Good refer-ences. Address No. 3882.

WANT position as carder or spinner, or both. Practical man of long experi-ence; have excellent references. Ad-dress No. 3882.

WANT position as supt. or weaver, long experience in good mills, excellent ref-erences to show character and ability. Address No. 3883.

WANT position as supt. of spinning mill practical experienced man of good abil-ity and can get results. Address No. 3884.

WANT position as supt, and manager of small or medium mill, or overseer of large, good paying weave room. Ex-cellent references. Address No. 3885.

WANT position as master mechanic; 20 years experience, now employed, good references to show excellent past record. Addrss. No. 3886.

WANT position as carder and spinner or both, or supt.; 25 years in mill, 18 as supt.; married, have family. Address No. 3887.

WANT position as spinner, white wor preferred; experienced and reliabl man. Can come on short notice. Bes of references. Address No. 3888.

WANT position as overseer of spinning, now employed as such and giving satisfaction, but wish larger place. Married, good habits, reliable and competent. Good references. Address No. 3889.

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